

DEPARTMENT OF INTERDISCIPLINARY LEARNING AND TEACHING

Mission Statement

The mission of the Department of Interdisciplinary Learning and Teaching is to:

- Advance the intellectual and professional development of students and faculty through research, critical reflection and dialogue, civic responsibility, and transformative leadership;
- Promote equality and social justice by advocating for educational change and reform; and
- Nurture the personal and professional integrity of all learners.

Vision Statement

To be a model interdisciplinary education program that prepares professionals to work with diverse learners in a global setting.

Core Values

The Department of Interdisciplinary Learning and Teaching will create a context of equitable access that nurtures interdisciplinary learners who embody the following core values:

- **Intellectual:** Demonstrates content, cultural, and technological knowledge, as well as pedagogical-content knowledge;
- **Transformative:** Recognizes and engages in research-based, developmentally, culturally and linguistically responsive practices, that are life-changing for all learners;
- **Inquisitive:** Critically analyzes, produces, and disseminates research;
- **Critically conscious:** Understands the interrelationship among socio-cultural, historical, and political contexts of U.S. education and engages in empowering practices;
- **Ethical:** Exhibits ethical behavior in all their interactions with all populations; and
- **Professional:** Articulates a philosophy and demonstrates a strong professional identity that respects a diverse global society.

Department Honors

The Department of Interdisciplinary Learning and Teaching awards Department Honors to certain outstanding students and provides the opportunity for advanced study under close faculty supervision.

Selection for honors designation is based on the student's academic performance and recommendation by the faculty of the student's major discipline. To be eligible for the program, students must have a minimum overall grade point average of 3.0 at UTSA and a minimum grade point average of 3.5 in their major at UTSA. The minimum grade point averages must be maintained for students to receive the approval of the Department Honors Committee and the discipline faculty. Students applying for Department Honors are expected to enroll in the appropriate honors thesis course during their final two semesters. The completed thesis must be approved by the supervising faculty sponsor and another departmental faculty member. Students interested in this program should contact their professors for additional information.

Department Information

The Department of Interdisciplinary Learning and Teaching offers the following degrees and certifications:

1. Bachelor of Arts Degree in Interdisciplinary Studies

a. Degree-Only Concentration

The Bachelor of Arts (B.A.) in Interdisciplinary Studies (IDS) degree-only concentration may be used as preparation for a number of career paths; for example, government, service industry, and non-profit work. This degree also has an associated opportunity for graduate or professional study in areas such as educational psychology, business, counseling, or social work. The minimum number of semester credit hours required for the B.A. in IDS degree-only concentration, including the Core Curriculum requirements, is 120, at least 39 of which must be at the upper-division level. Students selecting this concentration also choose an academic specialization. See the section entitled "Bachelor of Arts Degree in Interdisciplinary Studies (degree-only concentration)" for a listing of the requirements for this degree.

b. Degrees with Certifications

Students who choose the IDS major may also seek teacher certification. You must apply and be admitted into the Teacher Certification Program. The IDS program is designed to give successful students the opportunity to become teachers. To be a teacher, you must understand the thinking and learning processes and be able to successfully foster children's conceptual, intellectual, and emotional growth. Within the Department of Interdisciplinary Learning and Teaching, IDS majors who select teacher certification can choose from four concentrations: early childhood–grade 6 (EC–6) core subjects certification, grades 4–8 language arts/reading/social studies certification, grades 4–8 mathematics/science certification, or EC–12 special education certification. For additional certification requirements, consult the section of this catalog titled, "IDS Degree Program with Teacher Certification Concentrations." You should also consult with your academic advisor for information regarding certification requirements and for admission information to the Teacher Certification Program.

IDS majors seeking bilingual EC–6 and 4–8 should refer to the section of this catalog entitled Department of Bicultural-Bilingual Studies. IDS majors seeking ESL certification should consider challenging the ESL certification test after completing the EC–6 grade certification test.

Please note that certification programs and requirements are subject to change depending on changes mandated by the state.

2. Bachelor of Arts Degree in Multicultural Early Childhood Development

The Bachelor of Arts degree in Multicultural Early Childhood Development (B.A. MECD) is grounded on principles of child development as well as culturally relevant pedagogy. This program's curriculum is based on five premises that will help early childhood educators develop an in-depth knowledge of cognitive, linguistic, physical and socio-emotional development as well as appropriate teaching and learning practices. Specifically, the B.A. MECD curriculum focuses on early learning experiences for very young children of diverse cultural and linguistic backgrounds and examines the following: (1) quality early learning experiences, (2) collaboration with families, (3) programs for dual language learners, (4) early intervention principles and practices, and (5) leadership and advocacy in early childhood settings. The curriculum for this bachelor's degree aligns with the National Association for the Education of Young Children (NAEYC) Standards for Early Childhood

Professional Preparation. The program will accept 60–66 hours of transfer credit hours with approval. The B.A. in Multicultural Early Childhood Development offers students the opportunity to select a minor in Early Dual Immersion (English language learners) that will help them specialize in areas that are currently in high demand. The minor provides students with more in-depth knowledge regarding English language learners.

3. Secondary Certification

The Department of Interdisciplinary Learning and Teaching offers coursework required for students seeking secondary certification (grades 7–12). Students seeking certification to teach at the secondary level must obtain a bachelor's degree in the academic area in which they plan to teach. They should consult with an advisor in the college in which their degree is contained. They should also consult with their academic advisor for information regarding secondary certification requirements and for information on admission to the Teacher Certification Program. For additional information regarding secondary certification requirements, students should consult the section of this catalog entitled "Secondary Certification Programs."

Teacher certification requirements are subject to change; students should consult with an advisor for the most current certification requirements.

Criminal History Policy and Acknowledgement

The College of Education and Human Development (COEHD) prepares educators and professionals for fields which require fieldwork, internship, practicum, service-learning and/or clinical teaching. Placements occur in educational, clinical, health care facilities, hospitals, and/or medical settings which require a criminal background check. The University of Texas at San Antonio is required to inform students of the requirements set forth by the Texas Occupation Code, Chapter 53, Sections 53.001 through 53.105 (<http://www.texas-statutes.com/occupations-code/chapter-53-consequences-of-criminal-conviction/>).

All COEHD prospective students in a licensure or certification program are required to acknowledge that they have been made aware of these requirements and that they have read the COEHD Criminal History Policy (http://education.utsa.edu/certification_program/criminal_history_policy/). For more information and for completing the acknowledgement form, please visit the Office of Professional Preparation, Assessment, and Accreditation in the College of Education and Human Development.

- B.A. degree in Interdisciplinary Studies (degree-only concentration) (p. 2)
- B.A. degree in Multicultural Early Childhood Development (p. 3)

Bachelor of Arts Degree in Interdisciplinary Studies (degree-only concentration)

The minimum number of semester credit hours required for this degree is 120, at least 39 of which must be at the upper-division level. All candidates seeking this degree must fulfill the Core Curriculum requirements and the degree requirements, which are listed below.

Core Curriculum Requirements (42 semester credit hours)

Students seeking the B.A. degree in Interdisciplinary Studies without teacher certification must fulfill University Core Curriculum requirements. The courses listed below satisfy both degree requirements and Core Curriculum requirements.

MAT 1023 should be used to satisfy the core requirement in Mathematics. IDS 2113 should be used to satisfy the core requirement in Social and Behavioral Sciences.

Core Curriculum Component Area Requirements (<http://catalog.utsa.edu/undergraduate/bachelorsdegreeregulations/degerequirements/corecurriculumcomponentarearequirements/>)

First Year Experience Requirement	3
Communication	6
Mathematics	3
Life and Physical Sciences	6
Language, Philosophy and Culture	3
Creative Arts	3
American History	6
Government-Political Science	6
Social and Behavioral Sciences	3
Component Area Option	3
Total Credit Hours	42

IDS Degree Requirements

A. IDS core courses

IDS 2113	Society and Social Issues	3
IDS 3003	STEM in Social Contexts	3
IDS 3013	Diversity, Equity, and the Social Sciences	3
IDS 3123	Culture, Literature, and Fine Arts	3
IDS 3713	Interdisciplinary Inquiry	3

B. IDS required courses

IDS 2403	Physical Science	3
IDS 2413	Earth Systems Science	3
IDS 3201	Inquiry in Physical Science	1
IDS 3211	Inquiry in Earth Systems Science	1
MAT 1153	Essential Elements in Mathematics I	3
MAT 1163	Essential Elements in Mathematics II	3

C. Area of specialization

18-24

One area of specialization must be selected by the student seeking the IDS degree-only concentration. This involves a sequence of courses, with a minimum of 18–24 semester credit hours, including 6 hours at the upper-division level, in one specific area or discipline. The area of specialization should not include coursework in the IDS core or IDS required courses. Assistance in selection is available from the Interdisciplinary Education Advising and Certification Center. Students are encouraged to select their area of specialization as early in their program as possible.

D. Electives

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Upper-division courses to complete a minimum total of 120 semester credit hours. Advisors in the Interdisciplinary Education Advising and Certification Center will assist interdisciplinary studies degree-only majors to use their electives to develop a coherent program of study using existing UTSA course offerings.

B.A. in Interdisciplinary Studies, Degree-only Concentration – Recommended Four-Year Academic Plan

First Year		
Fall		Credit Hours
AIS 1203	Academic Inquiry and Scholarship (core)	3
POL 1013	Introduction to American Politics (core)	3
MAT 1023	College Algebra with Applications (core)	3
WRC 1013	Freshman Composition I (core)	3
American History core		3
Credit Hours		15
Spring		
IDS 2113	Society and Social Issues (core and major)	3
POL 1133 or POL 1213	Texas Politics and Society (core) or Civil Rights in Texas and America	3
WRC 1023	Freshman Composition II (core)	3
American History core		3
Life & Physical Sciences core		3
Credit Hours		15
Second Year		
Fall		
IDS 3013	Diversity, Equity, and the Social Sciences	3
MAT 1153	Essential Elements in Mathematics I	3
Creative Arts core		3
Language, Philosophy & Culture core		3
Life & Physical Sciences core		3
Credit Hours		15
Spring		
IDS 2403 or IDS 3234	Physical Science or Investigations in Physical Science	3
IDS 3201 or IDS 3224	Inquiry in Physical Science or Earth Systems Science Investigations	1
MAT 1163	Essential Elements in Mathematics II	3
Area of Specialization course		3
Component Area Option core		3
Upper-division elective		3
Credit Hours		16
Third Year		
Fall		
IDS 2413 or IDS 3224	Earth Systems Science or Earth Systems Science Investigations	3
IDS 3211 or IDS 3224	Inquiry in Earth Systems Science or Earth Systems Science Investigations	1
IDS 3123	Culture, Literature, and Fine Arts	3

Area of Specialization course		3
Area of Specialization course		3
Upper-division elective		3
Credit Hours		16
Spring		
IDS 3003	STEM in Social Contexts	3
Area of Specialization course		3
Upper-division elective		3
Upper-division elective		3
Upper-division elective		3
Credit Hours		15
Fourth Year		
Fall		
IDS 3713	Interdisciplinary Inquiry	3
Upper-division Area of Specialization course		3
Upper-division elective		3
Upper-division elective		3
Upper-division elective		3
Credit Hours		15
Spring		
Upper-division Area of Specialization course		3
Upper-division elective		3
Upper-division elective		3
Upper-division elective		3
Upper-division elective (to meet 120 hour minimum)		1
Credit Hours		13
Total Credit Hours		120

Bachelor of Arts Degree in Multicultural Early Childhood Development

The minimum number of semester credit hours required for the Multicultural Early Childhood Development degree is 120, at least 39 of which must be at the upper-division level. All candidates seeking this degree must fulfill the Core Curriculum requirements and the degree requirements, which are listed below.

Core Curriculum Requirements (42 semester credit hours)

Students seeking the B.A. degree in Multicultural Early Childhood Development must fulfill University Core Curriculum requirements. The courses listed below satisfy both degree requirements and Core Curriculum requirements.

MAT 1043 should be used to satisfy the core requirement in Mathematics. AAS 2013 is recommended to satisfy the core requirement in Language, Philosophy, and Culture. MAS 2023 should be used to satisfy the core requirement in Creative Arts. BBL 2003 should be used to satisfy the core requirement in Social and Behavioral Sciences. AAS 2113, MAS 2013, PSY 1013, or SOC 1013 should be used to satisfy the Component Area Option core requirement.

Core Curriculum Component Area Requirements (<http://catalog.utsa.edu/undergraduate/bachelorsdegreeregulations/degreerequirements/corecurriculumcomponentarearequirements/>)

First Year Experience Requirement	3
Communication	6

Mathematics	3
Life and Physical Sciences	6
Language, Philosophy and Culture	3
Creative Arts	3
American History	6
Government-Political Science	6
Social and Behavioral Sciences	3
Component Area Option	3
Total Credit Hours	42

Degree Requirements

A. Early Childhood core

ECE 2013	Introduction to Multicultural Early Childhood Education	3
ECE 2123	Diversity in Early Childhood (Credit cannot be earned for both ECE 2123 and BBL 2123)	3
or BBL 2123	Diversity in Early Childhood	
ECE 3143	Child Growth and Development	3
EDP 2113	Theories of Learning	3
HTH 3013	Survey of Human Nutrition	3
SPE 3603	Introduction to Special Education	3

B. Upper-division coursework

COU 3203	Child Abuse and Domestic Violence	3
ECE 3133	Programs and Policies in Early Childhood Education	3
ECE 3153	Movement, Music and Health in Early Childhood	3
ECE 3313	Play, Creativity, and Learning	3
ECE 3603	Language and Literacy Acquisition	3
ECE 4103	Guidance of Young Children in Groups	3
ECE 4123	Family and Community Resources in Early Childhood	3
ECE 4153	Culturally Appropriate Assessment for Infants and Young Children	3
ECE 4253	STEM in Early Childhood Contexts	3
ECE 4342	Internship in Multicultural Early Childhood Development I - Infants	2
ECE 4412	Internship in Multicultural Early Childhood Development II - Toddlers	2
ECE 4552	Internship in Multicultural Early Childhood Development III - Preschool	2
ECE 4653	Leadership and Management of Early Childhood Settings	3
ESL 3003	Language and Schooling	3
LTED 3643	Children's Literature for Young Diverse Learners - Infants and Toddlers	3

C. Minor in Early Dual Immersion **18**

BBL 3043	Social Psychological Considerations in Mexican American Communities	
BBL 3053	Foundations of Bilingual Studies	
BBL 3133	Language Development in Bilinguals	
BBL 3143	Children's Literature for Bilingual Learners	
BBL 4043	Dual Language Education in Early Childhood	

ESL 4023	Teaching and Learning Language Development of Young Emergent Bilinguals	
Total Credit Hours		78

B.A. in Multicultural Early Childhood Development Recommended Four-Year Academic Plan

First Year

Fall		Credit Hours
AIS 1203	Academic Inquiry and Scholarship (core)	3
MAT 1043	Introduction to Mathematics (core)	3
POL 1013	Introduction to American Politics (core)	3
WRC 1013	Freshman Composition I (core)	3
American History core		3
Credit Hours		15

Spring

BBL 2003	Language, Culture, and Society (core)	3
POL 1133 or POL 1213	Texas Politics and Society (core) or Civil Rights in Texas and America	3
WRC 1023	Freshman Composition II (core)	3
American History core		3
Life & Physical Sciences core		3
Credit Hours		15

Second Year

Fall

AAS 2013	Introduction to African American Studies (core)	3
AAS 2113 or MAS 2013 or PSY 1013 or SOC 1013	African American Culture, Leadership and Social Issues (core) or Introduction to Chicano(a) Studies or Introduction to Psychology or Introduction to Sociology	3
ECE 2013	Introduction to Multicultural Early Childhood Education	3
MAS 2023	Latino Cultural Expressions (core)	3
Life & Physical Sciences core		3
Credit Hours		15

Spring

ECE 2123 or BBL 2123	Diversity in Early Childhood or Diversity in Early Childhood	3
EDP 2113	Theories of Learning	3
HTH 3013	Survey of Human Nutrition	3
SPE 3603	Introduction to Special Education	3
BBL 3053	Foundations of Bilingual Studies	3
Credit Hours		15

Third Year

Fall

COU 3203	Child Abuse and Domestic Violence	3
ECE 3143	Child Growth and Development	3
ECE 3313	Play, Creativity, and Learning	3

ECE 3603	Language and Literacy Acquisition	3
ESL 3003	Language and Schooling	3
BBL 3143	Children's Literature for Bilingual Learners	3
Credit Hours		18

Spring

ECE 3133	Programs and Policies in Early Childhood Education	3
ECE 3153	Movement, Music and Health in Early Childhood	3
LTED 3643	Children's Literature for Young Diverse Learners - Infants and Toddlers	3
BBL 3043	Social Psychological Considerations in Mexican American Communities	3
BBL 3133	Language Development in Bilinguals	3
Credit Hours		15

Fourth Year

Fall

ECE 4103	Guidance of Young Children in Groups	3
ECE 4123	Family and Community Resources in Early Childhood	3
ECE 4153	Culturally Appropriate Assessment for Infants and Young Children	3
ECE 4253	STEM in Early Childhood Contexts	3
BBL 4043	Dual Language Education in Early Childhood	3
Credit Hours		15

Spring

ECE 4653	Leadership and Management of Early Childhood Settings	3
ECE 4342	Internship in Multicultural Early Childhood Development I - Infants	2
ECE 4412	Internship in Multicultural Early Childhood Development II - Toddlers	2
ECE 4552	Internship in Multicultural Early Childhood Development III - Preschool	2
ESL 4023	Teaching and Learning Language Development of Young Emergent Bilinguals	3
Credit Hours		12
Total Credit Hours		120

- B.A. degree in Interdisciplinary Studies (Early Childhood–Grade 6 Core Subjects Certification Concentration) (p. 5)
- B.A. degree in Interdisciplinary Studies (Grades 4–8 Language Arts/ Reading/Social Studies Certification Concentration) (p. 7)
- B.A. degree in Interdisciplinary Studies (Grades 4–8 Mathematics/ Science Certification Concentration) (p. 9)

- B.A. degree in Interdisciplinary Studies (EC–12 Special Education Certification Concentration) (p. 11)

IDS Degree Program with Teacher Certification Concentrations

Programs are subject to change without notice due to changes in the state's certification and/or program approval requirements. Teacher certification programs address standards of the State Board for Educator Certification. Standards can be found at <http://www.tea.state.tx.us>.

Bachelor of Arts Degree in Interdisciplinary Studies (Early Childhood–Grade 6 Core Subjects Certification Concentration)

The minimum number of semester credit hours required for the IDS degree with Early Childhood–Grade 6 core subjects certification is 125, at least 39 of which must be at the upper-division level. All candidates seeking this degree must fulfill the Core Curriculum requirements and the degree requirements, which are listed below.

Core Curriculum Requirements (42 semester credit hours)

Students seeking the B.A. degree in Interdisciplinary Studies with teacher certification must fulfill University Core Curriculum requirements. The courses listed below satisfy both degree requirements and Core Curriculum requirements.

MAT 1023 should be used to satisfy the core requirement in Mathematics. BIO 1233 and either AST 1033 or PHY 1013 should be used to satisfy the core requirement in Life and Natural Sciences. All IDS majors must complete AIS 1203, and either AAS 2013 or MAS 2013 is recommended to satisfy the core requirements in Language, Philosophy and Culture. HIS 2053 is recommended to satisfy a core requirement in American History. IDS 2113 should be used to satisfy the core requirement in Social and Behavioral Sciences. MAS 2023 is recommended to satisfy the core requirement in Creative Arts.

Core Curriculum Component Area Requirements (<http://catalog.utsa.edu/undergraduate/bachelorsdegreeregulations/degreerequirements/corecurriculumcomponentarearequirements/>)

First Year Experience Requirement	3
Communication	6
Mathematics	3
Life and Physical Sciences	6
Language, Philosophy and Culture	3
Creative Arts	3
American History	6
Government-Political Science	6
Social and Behavioral Sciences	3
Component Area Option	3
Total Credit Hours	42

IDS Degree Requirements

A. IDS core courses

IDS 2113	Society and Social Issues	3
IDS 3003	STEM in Social Contexts	3

IDS 3013	Diversity, Equity, and the Social Sciences	3
IDS 3123	Culture, Literature, and Fine Arts	3
IDS 3713	Interdisciplinary Inquiry	3

B. IDS support courses

IDS 2403 & IDS 3201 or IDS 3234	Physical Science and Inquiry in Physical Science Investigations in Physical Science	4
IDS 2413 & IDS 3211 or IDS 3224	Earth Systems Science and Inquiry in Earth Systems Science Earth Systems Science Investigations	4
MAT 1153	Essential Elements in Mathematics I	3
MAT 1163	Essential Elements in Mathematics II	3

Total Credit Hours 29

Certification Requirements

BBL 3403	Cultural and Linguistic Equity for Schooling	3
ECE 3313	Play, Creativity, and Learning	3
ECE 3603	Language and Literacy Acquisition	3
ECE 4143	Principles and Practices of Differentiated Education EC-6	3
EDU 2103	Social Foundations for Education in a Diverse U.S. Society	3
ESL 3023	Second Language Teaching and Learning in EC-6	3
IDS 2013	Introduction to Learning and Teaching in a Culturally Diverse Society	3
LTED 3513	Children’s Literature EC-6	3
LTED 3813	Writing Development and Instruction-EC-6	3
SPE 3603	Introduction to Special Education	3

The following courses require an advisor code and are restricted to students who have applied for and been accepted into the Teacher Certification Program.

LTED 3823	Reading Comprehension-EC-6	3
LTED 4833	Organizing Literacy Programs for Differentiated Instruction-EC-6	3

Total Credit Hours 36

Professional Education Requirements

The following courses require an advisor code and are restricted to students who have applied for and been accepted into the Teacher Certification Program.

CI 4303	Approaches to Teaching Social Studies Incorporating Language Arts and Fine Arts EC-6	3
CI 4353	Approaches to Teaching Science EC-6	3
CI 4403	Approaches to Teaching Mathematics EC-6	3
CI 4613 or CI 4616	Clinical Teaching: Early Childhood-Grade 6 Clinical Teaching: Early Childhood-Grade 6	6
ECE 3143	Child Growth and Development	3
ECE 4203	Assessment and Evaluation in EC-6	3

Total Credit Hours 21

B.A. in Interdisciplinary Studies, Early Childhood-Grade 6 Core Subjects Certification Concentration – Recommended Four-Year Academic Plan

First Year

Fall		Credit Hours
AIS 1253	AIS: Interdisciplinary Education	3
MAT 1023	College Algebra with Applications (core)	3
Life & Physical Sciences core	BIO 1233 recommended	3
WRC 1013	Freshman Composition I (core)	3
American History core		3
Credit Hours		15

Spring

American History core	HIS 2053 recommended	3
IDS 2013	Introduction to Learning and Teaching in a Culturally Diverse Society	3
Life & Physical Sciences core	AST 1033 or PHY 1013 recommended	3
POL 1013	Introduction to American Politics (core)	3
WRC 1023	Freshman Composition II (core)	3
Credit Hours		15

Summer

IDS 2113	Society and Social Issues (core and major)	3
Government-Political Science core	POL 1133 recommended	3
Component Area Option core		3
Credit Hours		9

Second Year

Fall		Credit Hours
Language, Philosophy & Culture core	AAS 2013 or MAS 2013 recommended	3
EDU 2103	Social Foundations for Education in a Diverse U.S. Society	3
IDS 3123	Culture, Literature, and Fine Arts	3
MAT 1153	Essential Elements in Mathematics I	3
Creative Arts core	MAS 2023 recommended	3
Credit Hours		15

Spring

ECE 3143	Child Growth and Development	3
IDS 2403	Physical Science	3
IDS 3013	Diversity, Equity, and the Social Sciences	3
IDS 3201	Inquiry in Physical Science	1
MAT 1163	Essential Elements in Mathematics II	3
Credit Hours		13

Summer

IDS 2413	Earth Systems Science	3
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IDS 3211	Inquiry in Earth Systems Science	1
SPE 3603	Introduction to Special Education	3
Credit Hours		7

Third Year

Fall

Admission to the Teacher Certification Program

IDS 3003	STEM in Social Contexts	3
ECE 3313	Play, Creativity, and Learning ¹	3
ECE 3603	Language and Literacy Acquisition ¹	3
ECE 4143	Principles and Practices of Differentiated Education EC-6 ¹	3
LTED 3513	Children's Literature EC-6 ¹	3
Credit Hours		15

Spring

(must be taken Fall or Spring semesters)

CI 4353	Approaches to Teaching Science EC-6 ²	3
CI 4403	Approaches to Teaching Mathematics EC-6 ²	3
ECE 4203	Assessment and Evaluation in EC-6 ²	3
LTED 3823	Reading Comprehension-EC-6	3
Credit Hours		12

Summer

BBL 3403	Cultural and Linguistic Equity for Schooling	3
Credit Hours		3

Fourth Year

Fall

(must be taken Fall or Spring semesters)

CI 4303	Approaches to Teaching Social Studies Incorporating Language Arts and Fine Arts EC-6 ³	3
CI 4613	Clinical Teaching: Early Childhood-Grade 6	3
ESL 3023	Second Language Teaching and Learning in EC-6	3
LTED 4833	Organizing Literacy Programs for Differentiated Instruction-EC-6	3
Credit Hours		12

Spring

(must be taken Fall or Spring semesters)

CI 4613	Clinical Teaching: Early Childhood-Grade 6	3
IDS 3713	Interdisciplinary Inquiry	3
LTED 3813	Writing Development and Instruction-EC-6	3
Credit Hours		9
Total Credit Hours		125

- ¹ Must be taken concurrently.
- ² Must be taken concurrently.
- ³ Must be taken concurrently.

Bachelor of Arts Degree in Interdisciplinary Studies (Grades 4–8 Language Arts/Reading/Social Studies Certification Concentration)

The minimum number of semester credit hours required for the IDS degree with grades 4–8 Language Arts/Reading/Social Studies certification is 120, at least 39 of which must be at the upper-division level. All candidates seeking this degree must fulfill the Core Curriculum requirements and the degree requirements, which are listed below.

Core Curriculum Requirements (42 semester credit hours)

Students seeking the B.A. degree in Interdisciplinary Studies with teacher certification must fulfill University Core Curriculum requirements. The courses listed below satisfy both degree requirements and Core Curriculum requirements.

MAT 1023 should be used to satisfy the core requirement in Mathematics. BIO 1233 and BIO 1243 should be used to satisfy the core requirement in Life and Natural Sciences. All IDS majors must complete AIS 1203, and either AAS 2013 or MAS 2013 is recommended to satisfy the core requirements in Language, Philosophy and Culture. HIS 2053 is recommended to satisfy a core requirement in American History. IDS 2113 should be used to satisfy the core requirement in Social and Behavioral Sciences. MAS 2023 is recommended to satisfy the core requirement in Creative Arts. COM 2113 is recommended to satisfy the Component Area Option.

Core Curriculum Component Area Requirements (<http://catalog.utsa.edu/undergraduate/bachelorsdegreeregulations/degreerequirements/corecurriculumcomponentarearequirements/>)

First Year Experience Requirement	3
Communication	6
Mathematics	3
Life and Physical Sciences	6
Language, Philosophy and Culture	3
Creative Arts	3
American History	6
Government-Political Science	6
Social and Behavioral Sciences	3
Component Area Option	3
Total Credit Hours	42

IDS Degree Requirements

A. IDS core courses

IDS 2113	Society and Social Issues	3
IDS 3003	STEM in Social Contexts	3
IDS 3013	Diversity, Equity, and the Social Sciences	3
IDS 3123	Culture, Literature, and Fine Arts	3
IDS 3713	Interdisciplinary Inquiry	3

B. IDS support courses

BBL 3403	Cultural and Linguistic Equity for Schooling	3
GES 1013	Fundamentals of Geography	3
HIS 1043	United States History: Pre-Columbus to Civil War Era (3 hours in addition to the History courses used to satisfy the core requirements)	3

or HIS 1053	United States History: Civil War Era to Present	
or HIS 2053	Texas History	
HIS 3623	History of the Civil Rights Movement	3
or HIS 3843	Migration and History	
HIS 3123	Colonial Texas under Spanish and Mexican Rule to 1836	3
or GES 3153	Geography of Texas	
ENG 3303	Theory and Practice of Composition	3
Total Credit Hours		33

Certification Requirements

EDP 3303	Learning and Development in the Middle School Context (Grades 4–8)	3
EDP 4203	Assessment and Evaluation	3
EDU 2103	Social Foundations for Education in a Diverse U.S. Society	3
ESL 3073	Second Language Teaching and Learning for Grades 4-8	3
IDS 2013	Introduction to Learning and Teaching in a Culturally Diverse Society	3
LTED 3523	Reading for Teachers-Grades 4–8	3
LTED 3633	Literature and Other Texts Across the Content Areas-Grades 4–8	3
LTED 3803	Writing Development, Processes, and Instruction-Grades 4–8	3
SPE 3603	Introduction to Special Education	3
The following course requires an advisor code and is restricted to students who have applied for and been accepted into the Teacher Certification Program.		
LTED 3533	Reading and Writing Across the Disciplines-Grades 4–8	3
Total Credit Hours		30

Professional Education Requirements

The following courses require an advisor code and are restricted to students who have applied for and been accepted into the Teacher Certification Program.

CI 4543	Approaches to Teaching Social Studies–Grades 4–8	3
CI 4553	Approaches to Service-Learning in Social Studies–Grades 4–8	3
CI 4603	Classroom Management Strategies–Grades 4–8	3
CI 4623	Applied Teaching: Grades 4–8	3
CI 4633	Clinical Teaching: Grades 4-8	6
or CI 4626	Clinical Teaching: Grades 4-8	
Total Credit Hours		18

B.A. in Interdisciplinary Studies, Grades 4–8 Language Arts/Reading/Social Studies Certification Concentration – Recommended Four-Year Academic Plan

First Year

Fall		Credit Hours
AIS 1203	Academic Inquiry and Scholarship (core)	3

HIS 1043	United States History: Pre-Columbus to Civil War Era (core and major)	3
MAT 1023	College Algebra with Applications (core)	3
WRC 1013	Freshman Composition I (core)	3
Life & Physical Sciences core (BIO 1233 recommended)		3
Credit Hours		15

Spring

HIS 1053	United States History: Civil War Era to Present (core and major)	3
IDS 2113	Society and Social Issues (core and major)	3
IDS 2013	Introduction to Learning and Teaching in a Culturally Diverse Society	3
WRC 1023	Freshman Composition II (core)	3
Life & Physical Sciences core (BIO 1243 recommended)		3
Credit Hours		15

Summer

HIS 2053	Texas History	3
Component Area Option core (COM 2113 recommended)		3
Credit Hours		6

Second Year

Fall

EDU 2103	Social Foundations for Education in a Diverse U.S. Society	3
HIS 3623	History of the Civil Rights Movement	3
or HIS 3843	Migration and History	
IDS 3003	STEM in Social Contexts	3
POL 1013	Introduction to American Politics (core)	3
Language, Philosophy & Culture core (AAS 2013 or MAS 2013 recommended)		3
Credit Hours		15

Spring

ENG 3303	Theory and Practice of Composition	3
HIS 3123	Colonial Texas under Spanish and Mexican Rule to 1836	3
or GES 3153	Geography of Texas	
IDS 3013	Diversity, Equity, and the Social Sciences	3
POL 1133	Texas Politics and Society (core)	3
MAS 2023	Latino Cultural Expressions (core)	3
Credit Hours		15

Third Year

Fall

ESL 3073	Second Language Teaching and Learning for Grades 4-8	3
GES 1013	Fundamentals of Geography	3
IDS 3713	Interdisciplinary Inquiry	3
IDS 3123	Culture, Literature, and Fine Arts	3

LTED 3803	Writing Development, Processes, and Instruction-Grades 4–8	3
Credit Hours		15
Spring		
BBL 3403	Cultural and Linguistic Equity for Schooling	3
EDP 3303	Learning and Development in the Middle School Context (Grades 4–8)	3
LTED 3523	Reading for Teachers-Grades 4–8	3
LTED 3633	Literature and Other Texts Across the Content Areas-Grades 4–8	3
SPE 3603	Introduction to Special Education	3
Credit Hours		15
Summer		
EDP 4203	Assessment and Evaluation	3
Credit Hours		3
Fourth Year		
Fall		
CI 4543	Approaches to Teaching Social Studies–Grades 4–8 ¹	3
CI 4553	Approaches to Service-Learning in Social Studies–Grades 4–8 ¹	3
CI 4603	Classroom Management Strategies–Grades 4–8 ¹	3
CI 4623	Applied Teaching: Grades 4–8 ¹	3
LTED 3533	Reading and Writing Across the Disciplines-Grades 4–8	3
Credit Hours		15
Spring		
CI 4626	Clinical Teaching: Grades 4–8 ²	6
Credit Hours		6
Total Credit Hours		120

¹ Admission to the Teacher Certification Program is required. Courses must be taken concurrently.

² A grade of "C" or better is required to be recommended for the Teacher Certification.

Bachelor of Arts Degree in Interdisciplinary Studies (Grades 4–8 Mathematics/Science Certification Concentration)

The minimum number of semester credit hours required for the IDS degree with Grades 4–8 Mathematics/Science certification is 120 hours, at least 39 of which must be at the upper-division level. All candidates seeking this degree must fulfill the Core Curriculum requirements and the degree requirements, which are listed below.

Core Curriculum Requirements (42 semester credit hours)

Students seeking the B.A. degree in Interdisciplinary Studies with teacher certification must fulfill University Core Curriculum requirements.

The courses listed below satisfy both degree requirements and Core Curriculum requirements.

MAT 1023 should be used to satisfy the core requirement in Mathematics. BIO 1233 and AST 1013 or AST 1033 should be used to satisfy the core requirement in Life and Natural Sciences. All IDS majors must complete AIS 1203, and either AAS 2013 or MAS 2013 is recommended to satisfy the core requirements in Language, Philosophy and Culture. HIS 2053 is recommended to satisfy a core requirement in American History. IDS 2113 should be used to satisfy the core requirement in Social and Behavioral Sciences. MAS 2023 is recommended to satisfy the core requirement in Creative Arts. COM 2113 is recommended to satisfy the Component Area Option.

Core Curriculum Component Area Requirements (<http://catalog.utsa.edu/undergraduate/bachelorsdegreeregulations/degreerequirements/corecurriculumcomponentarearequirements/>)

First Year Experience Requirement	3
Communication	6
Mathematics	3
Life and Physical Sciences	6
Language, Philosophy and Culture	3
Creative Arts	3
American History	6
Government-Political Science	6
Social and Behavioral Sciences	3
Component Area Option	3
Total Credit Hours	42

IDS Degree Requirements

A. IDS core courses

IDS 2113	Society and Social Issues	3
IDS 3003	STEM in Social Contexts	3
IDS 3013	Diversity, Equity, and the Social Sciences	3
IDS 3123	Culture, Literature, and Fine Arts	3
IDS 3713	Interdisciplinary Inquiry	3

B. IDS support courses

AST 1013	Introduction to Astronomy	3
or AST 1033	Exploration of the Solar System	
IDS 2403	Physical Science	3
IDS 2413	Earth Systems Science	3
IDS 3201	Inquiry in Physical Science	1
IDS 3211	Inquiry in Earth Systems Science	1
MAT 1093	Precalculus	3
MAT 2113	Functions and Modeling	3
MAT 3103	Data Analysis and Interpretation	3
MAT 3123	Fundamentals of Geometry	3
PHY 1603	Algebra-based Physics I	3
PHY 1611	Algebra-based Physics I Laboratory	1
Total Credit Hours		42

Certification Requirements

EDP 3303	Learning and Development in the Middle School Context (Grades 4–8)	3
EDP 4203	Assessment and Evaluation	3

EDU 2103	Social Foundations for Education in a Diverse U.S. Society	3
ESL 3073	Second Language Teaching and Learning for Grades 4-8	3
IDS 2013	Introduction to Learning and Teaching in a Culturally Diverse Society	3
SPE 3603	Introduction to Special Education	3
LTED 3523	Reading for Teachers-Grades 4–8	3
The following course requires an advisor code and is restricted to students who have applied for and been accepted into the Teacher Certification Program.		
LTED 3533	Reading and Writing Across the Disciplines-Grades 4–8	3
Total Credit Hours		24

Professional Education Requirements

The following courses require an advisor code and are restricted to students who have applied for and been accepted into the Teacher Certification Program.

CI 4433	Approaches to Teaching Science–Grades 4–8	3
CI 4443	Approaches to Teaching Mathematics–Grades 4–8	3
CI 4603	Classroom Management Strategies–Grades 4–8	3
CI 4623	Applied Teaching: Grades 4–8	3
CI 4633	Clinical Teaching: Grades 4-8	6
or CI 4626	Clinical Teaching: Grades 4-8	
Total Credit Hours		18

B.A. in Interdisciplinary Studies, Grades 4–8 Mathematics/Science Certification Concentration – Recommended Four-Year Academic Plan

First Year

		Credit Hours
Fall		
AIS 1203	Academic Inquiry and Scholarship (core)	3
MAT 1023	College Algebra with Applications (core)	3
WRC 1013	Freshman Composition I (core)	3
American History core (HIS 1053 recommended)		3
Life & Physical Sciences core (BIO 1233 recommended)		3
Credit Hours		15

Spring

AST 1013 or AST 1033	Introduction to Astronomy (core and major) or Exploration of the Solar System	3
IDS 2013	Introduction to Learning and Teaching in a Culturally Diverse Society	3
MAT 1093	Precalculus	3
WRC 1023	Freshman Composition II (core)	3
American History core (HIS 2053 recommended)		3
Credit Hours		15

Summer

IDS 2403 & IDS 3211	Physical Science and Inquiry in Earth Systems Science	4
or		
IDS 3224	Earth Systems Science Investigations	
Component Area Option core (COM 2113 recommended)		3
Credit Hours		7

Second Year

Fall

EDU 2103	Social Foundations for Education in a Diverse U.S. Society	3
IDS 2113	Society and Social Issues (core and major)	3
MAT 2113	Functions and Modeling	3
POL 1013	Introduction to American Politics (core)	3
Language, Philosophy & Culture core (AAS 2013 or MAS 2013 recommended)		3
Credit Hours		15

Spring

IDS 3013	Diversity, Equity, and the Social Sciences	3
MAT 3123	Fundamentals of Geometry	3
PHY 1603	Algebra-based Physics I	3
PHY 1611	Algebra-based Physics I Laboratory	1
POL 1133 or POL 1213	Texas Politics and Society (core) or Civil Rights in Texas and America	3
Creative Arts core (MAS 2023 recommended)		3
Credit Hours		16

Summer

IDS 2413 & IDS 3201	Earth Systems Science and Inquiry in Physical Science	4
IDS 3234	Investigations in Physical Science	
Credit Hours		4

Third Year

Fall

Admission to the Teacher Certification Program		
EDP 3303	Learning and Development in the Middle School Context (Grades 4–8)	3
IDS 3003	STEM in Social Contexts	3
IDS 3123	Culture, Literature, and Fine Arts	3
MAT 3103	Data Analysis and Interpretation	3
Credit Hours		12

Spring

EDP 4203	Assessment and Evaluation ¹	3
ESL 3073	Second Language Teaching and Learning for Grades 4-8	3
IDS 3713	Interdisciplinary Inquiry	3
LTED 3523	Reading for Teachers-Grades 4–8	3

SPE 3603	Introduction to Special Education	3
	Credit Hours	15
Fourth Year		
Fall		
CI 4433	Approaches to Teaching Science—Grades 4–8 ^{1,2}	3
CI 4443	Approaches to Teaching Mathematics—Grades 4–8 ^{1,2}	3
CI 4603	Classroom Management Strategies—Grades 4–8 ^{1,2}	3
CI 4623	Applied Teaching: Grades 4–8 ^{1,2}	3
LTED 3533	Reading and Writing Across the Disciplines—Grades 4–8	3
	Credit Hours	15
Spring		
CI 4626	Clinical Teaching: Grades 4–8 ³	6
	Credit Hours	6
	Total Credit Hours	120

- ¹ Admission to the Teacher Certification Program is required.
² Must be taken concurrently.
³ A grade of "C" or better is required to be recommended for the Teacher Certification.

Bachelor of Arts Degree in Interdisciplinary Studies (EC–12 Special Education Certification Concentration)

The minimum number of semester credit hours required for the IDS degree with EC–12 Special Education certification is 120, at least 39 of which must be at the upper-division level. All candidates seeking this degree must fulfill the Core Curriculum requirements and the degree requirements, which are listed below. The following courses have been approved by the Behavior Analyst Certification Board to align with the Board Certified Assistant Behavior Analyst task list: SPE 3303, SPE 3633, SPE 3673, SPE 4673, and SPE 4683.

Core Curriculum Requirements (42 semester credit hours)

Students seeking the B.A. degree in Interdisciplinary Studies with teacher certification must fulfill University Core Curriculum requirements. The courses listed below satisfy both degree requirements and Core Curriculum requirements.

MAT 1023 should be used to satisfy the core requirement in Mathematics. BIO 1233 and either AST 1033 or PHY 1013 should be used to satisfy the core requirement in Life and Physical Sciences. AAS 2013 or MAS 2013 is recommended to satisfy the core requirement in Language, Philosophy, and Culture. MAS 2023 should be used to satisfy the core requirement in Creative Arts. HIS 2053 is recommended to satisfy a core requirement in American History. IDS 2113 should be used to satisfy the core requirement in Social and Behavioral Sciences.

Core Curriculum Component Area Requirements (<http://catalog.utsa.edu/undergraduate/bachelorsdegreeregulations/degree requirements/corecurriculumcomponentarearequirements/>)

First Year Experience Requirement	3
Communication	6

Mathematics	3
Life and Physical Sciences	6
Language, Philosophy and Culture	3
Creative Arts	3
American History	6
Government-Political Science	6
Social and Behavioral Sciences	3
Component Area Option	3
Total Credit Hours	42

IDS Degree Requirements

A. IDS core courses

IDS 2113	Society and Social Issues	3
IDS 3003	STEM in Social Contexts	3
IDS 3013	Diversity, Equity, and the Social Sciences	3
IDS 3123	Culture, Literature, and Fine Arts	3
IDS 3713	Interdisciplinary Inquiry	3

B. IDS support courses

MAT 1153	Essential Elements in Mathematics I	3
MAT 1163	Essential Elements in Mathematics II	3

Total Credit Hours	21
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Certification Requirements

ECE 3603	Language and Literacy Acquisition	3
EDU 2103	Social Foundations for Education in a Diverse U.S. Society	3
IDS 2013	Introduction to Learning and Teaching in a Culturally Diverse Society	3
LTED 3523	Reading for Teachers—Grades 4–8	3
LTED 3803	Writing Development, Processes, and Instruction—Grades 4–8	3
SPE 3603	Introduction to Special Education	3
SPE 3693	Special Education Law	3

The following courses require an advisor code and are restricted to students who have applied for and been accepted into the Teacher Certification Program.

SPE 3623	Assessment of Students with Mild/Moderate Disabilities	3
SPE 3633	Classroom and Behavior Management	3
SPE 3673	Behavioral Assessment of Students with Autism and Developmental Disorders	3
SPE 3683	Special Education Across the Lifespan	3
SPE 4683	Ethics and Professionalism in Special Education and Applied Behavior Analysis	3
SPE 4693	Assistive Technology	3

Total Credit Hours	39
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Professional Education Requirements

The following courses require an advisor code and are restricted to students who have applied for and been accepted into the Teacher Certification Program. IDS degree requirements and IDS support courses listed above are prerequisite to enrollment in Professional Special Education courses.

SPE 3653	Practicum in Special Education (Mild/Moderate Disabilities)	3
SPE 4623	Mathematics Instruction for Students with Disabilities	3
SPE 4643	Instruction for Students with Mild/Moderate Disabilities	3
SPE 4653	Practicum in Special Education (Moderate/Severe Disabilities)	3
SPE 4673	Behavioral Instruction of Students with Autism and Developmental Disabilities	3
Clinical Teaching:		
CI 4713 or CI 4716	Clinical Teaching: All Level EC-12	6
Total Credit Hours		21

B.A. in Interdisciplinary Studies, EC-12 Special Education Certification Concentration – Recommended Four-Year Academic Plan

First Year

		Credit Hours
Fall		
AIS 1203	Academic Inquiry and Scholarship (core)	3
BIO 1233	Contemporary Biology I (core)	3
MAT 1023	College Algebra with Applications (core)	3
POL 1013	Introduction to American Politics (core)	3
WRC 1013	Freshman Composition I (core)	3
Credit Hours		15

Spring

AST 1033 or PHY 1013	Exploration of the Solar System (core) or Universes	3
HIS 2053	Texas History (core)	3
IDS 2013	Introduction to Learning and Teaching in a Culturally Diverse Society	3
IDS 2113	Society and Social Issues (core and major)	3
WRC 1023	Freshman Composition II (core)	3
Credit Hours		15

Summer

AAS 2013 or MAS 2013	Introduction to African American Studies (core) or Introduction to Chicano(a) Studies	3
MAS 2023	Latino Cultural Expressions (core)	3
POL 1133 or POL 1213	Texas Politics and Society (core) or Civil Rights in Texas and America	3
Component Area Option core		3
Credit Hours		12

Second Year

Fall		
EDU 2103	Social Foundations for Education in a Diverse U.S. Society	3

IDS 3123	Culture, Literature, and Fine Arts	3
MAT 1153	Essential Elements in Mathematics I	3
LTED 3803	Writing Development, Processes, and Instruction-Grades 4-8	3
American History core		3
Credit Hours		15

Spring

ECE 3603	Language and Literacy Acquisition	3
IDS 3013	Diversity, Equity, and the Social Sciences	3
MAT 1163	Essential Elements in Mathematics II	3
SPE 3603	Introduction to Special Education	3
SPE 3693	Special Education Law	3
Credit Hours		15

Third Year

Fall

Admission to the Teacher Certification Program		
LTED 3523	Reading for Teachers-Grades 4-8	3
SPE 3623	Assessment of Students with Mild/Moderate Disabilities ¹	3
SPE 3653	Practicum in Special Education (Mild/Moderate Disabilities) ¹	3
SPE 4623	Mathematics Instruction for Students with Disabilities ¹	3
SPE 4643	Instruction for Students with Mild/Moderate Disabilities ¹	3
Credit Hours		15

Spring

IDS 3003	STEM in Social Contexts	3
SPE 3633	Classroom and Behavior Management ²	3
SPE 3673	Behavioral Assessment of Students with Autism and Developmental Disorders ²	3
SPE 3683	Special Education Across the Lifespan ²	3
SPE 4673	Behavioral Instruction of Students with Autism and Developmental Disabilities ²	3
Credit Hours		15

Fourth Year

Fall

IDS 3713	Interdisciplinary Inquiry	3
SPE 4653	Practicum in Special Education (Moderate/Severe Disabilities) ³	3
SPE 4683	Ethics and Professionalism in Special Education and Applied Behavior Analysis ³	3
SPE 4693	Assistive Technology ³	3
Credit Hours		12

Spring

CI 4716	Clinical Teaching: All Level EC–12	6
	Credit Hours	6
	Total Credit Hours	120

- 1 Must be taken concurrently.
- 2 Must be taken concurrently.
- 3 Must be taken concurrently.

Secondary Certification Programs

Students seeking certification to teach at the secondary level (grades 7–12) must obtain a bachelor's degree in the academic area in which they plan to teach. They should consult with their advisor in the department in which their degree is contained. They should also consult with their academic advisor for information regarding secondary certification requirements and admission to the Teacher Certification Program. Requirements for degrees and certification have been carefully coordinated; however, there may be specific degree requirements that are not required in the certification program, and specific certification requirements that may not be required in the degree program. Certification program requirements are approved by the State of Texas.

Core Curriculum Requirements: Students should refer to the appropriate section of this catalog for a listing of Core Curriculum requirements for the degree they are seeking.

The number of semester credit hours required for secondary certification is 33. There are additional requirements for students seeking certification in English Language Arts and Reading (ELAR). Students seeking certification in ELAR should consult their certification advisor for information.

Certification Requirements

(For proper sequencing of these courses, students should consult a certification advisor.)

BBL 3403	Cultural and Linguistic Equity for Schooling	3
EDP 3203	Learning and Development in the Secondary School Adolescent	3
EDU 2103	Social Foundations for Education in a Diverse U.S. Society	3
ESL 3083	Second Language Teaching and Learning for Grades 7-12	3
IDS 2013	Introduction to Learning and Teaching in a Culturally Diverse Society	3
SPE 3603	Introduction to Special Education	3

Professional Education and Reading Coursework

Students must be admitted to the Teacher Certification Program before enrolling in Professional Education and Clinical Teaching coursework.

CI 4203	Models of Teaching in the Content Areas of the Secondary School	3
EDP 4203	Assessment and Evaluation	3
LTED 3773	Reading and Writing Across the Disciplines-Grades 7–12	3

CI 4203, EDP 4203, and LTED 3773 are restricted classes. Advisor authorization for these classes will be issued only if all prerequisites have been completed. CI 4203 is not offered during the Summer semester.

Clinical Teaching Component

CI 4643	Clinical Teaching: Grades 7-12	6
or CI 4646	Clinical Teaching: Grades 7–12	
	Total Credit Hours	33

Curriculum and Instruction (CI) Courses

CI 4203. Models of Teaching in the Content Areas of the Secondary School. (3-0) 3 Credit Hours.

Prerequisites: Admission to the Teacher Certification Program, EDP 3203, and EDU 2103. Prior or concurrent enrollment in EDP 4203 is required. Not required for music majors. Study of curricular, instructional, and management approaches to subject areas taught in the secondary schools. Emphasis on developing instructional and curricular strategies that are effective in teaching content areas. Course will address special population of students, application of instructional media, technology, and classroom management for the content areas. This course may be offered in multiple sections according to subject-matter emphasis. Not offered in the summer. Restricted course; advisor code required for registration. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for CI 4646 Clinical Teaching: Grades 7–12. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for CI 4716 Clinical Teaching: All Level EC–12. Field experience. (Formerly C&I 4203. Credit cannot be earned for both CI 4203 and C&I 4203.) Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

CI 4213. Approaches to Teaching Music. (3-0) 3 Credit Hours.

Prerequisites: Admission to the Teacher Certification Program, EDP 3203, and EDU 2103. Designed to provide preservice music teachers with the necessary knowledge and skills to prepare for successfully planning, implementing, and evaluating music instruction. Field experience required. (Formerly C&I 4213. Credit cannot be earned for both CI 4213 and C&I 4213.) Generally offered: Fall. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

CI 4223. Models of Teaching in the Content Areas of the Secondary School-Mathematics. (3-0) 3 Credit Hours.

Prerequisites: Admission to the Teacher Certification Program, EDP 3203, and EDU 2103. Prior or concurrent enrollment in EDP 4203 is required. Study of curricular, instructional, and management approaches to mathematics in the secondary schools. Emphasis on developing instructional and curricular strategies that are effective in diverse teaching contexts. Course will address special population of students, application of instructional media, technology, and classroom management. Not offered in the summer. Restricted course; advisor code required for registration. Field experience. (Formerly C&I 4223. Credit cannot be earned for both CI 4223 and C&I 4223.) Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

CI 4233. Models of Teaching in the Content Areas of the Secondary School-Social Studies. (3-0) 3 Credit Hours.

Prerequisites: Admission to the Teacher Certification Program, EDP 3203, and EDU 2103. Prior or concurrent enrollment in EDP 4203 is required. Study of curricular, instructional, and management approaches to social studies in the secondary schools. Emphasis on developing instructional and curricular strategies that are effective in diverse teaching contexts. Course will address special population of students, application of instructional media, technology, and classroom management. Not offered in the summer. Restricted course; advisor code required for registration. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for CI 4646 Clinical Teaching: Grades 7-12. Field experience. (Formerly C&I 4233. Credit cannot be earned for both CI 4233 and C&I 4233.) Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

CI 4243. Models of Teaching in the Content Areas of the Secondary School-Science. (3-0) 3 Credit Hours.

Prerequisites: Admission to the Teacher Certification Program, EDP 3203, and EDU 2103. Prior or concurrent enrollment in EDP 4203 is required. Study of curricular, instructional, and management approaches to mathematics in the secondary schools. Emphasis on developing instructional and curricular strategies that are effective in diverse teaching contexts. Course will address special population of students, application of instructional media, technology, and classroom management. Not offered in the summer. Restricted course; advisor code required for registration. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for CI 4646 Clinical Teaching: Grades 7-12. Field experience. (Formerly C&I 4243. Credit cannot be earned for both CI 4243 and C&I 4243.) Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

CI 4253. Models of Teaching in the Content Areas of the Secondary School-English Language Arts/Foreign Language/Art. (3-0) 3 Credit Hours.

Prerequisites: Admission to the Teacher Certification Program, EDP 3203, and EDU 2103. Prior or concurrent enrollment in EDP 4203 is required. Study of curricular, instructional, and management approaches to English Language Arts and Foreign Languages in the secondary schools. Emphasis on developing instructional and curricular strategies that are effective in diverse teaching contexts. Course will address special population of students, application of instructional media, technology, and classroom management. Not offered in the summer. Restricted course; advisor code required for registration. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for CI 4646 Clinical Teaching: Grades 7-12. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for CI 4716 Clinical Teaching: All Level EC-12. Field experience. (Formerly C&I 4253. Credit cannot be earned for both CI 4253 and C&I 4253.) Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

CI 4263. Models of Teaching in the Content Areas of the Secondary School-Music. (3-0) 3 Credit Hours.

Prerequisites: Admission to the Teacher Certification Program, EDP 3203, and EDU 2103. Study of curricular, instructional, and management approaches to music in the secondary schools. Emphasis on developing instructional and curricular strategies that are effective in diverse teaching contexts. Course will address special population of students, application of instructional media, technology, and classroom management. Not offered in the summer. Restricted course; advisor code required for registration. Course may be offered in multiple sections to accommodate choral and instrumental music instruction. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for CI 4716 Clinical Teaching: All Level EC-12. Field experience. (Formerly C&I 4263. Credit cannot be earned for both CI 4263 and C&I 4263.) Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

CI 4273. Methods of Teaching Content in the Elementary School-Physical Education. (3-1) 3 Credit Hours.

Prerequisites: KIN 4343, KIN 4423, and admission to the Teacher Certification Program. Examination of current trends, issues, and pedagogical approaches to teaching and facilitating learning of physical education in the elementary school curriculum. Contemporary programming, problem solving, and community outreach activities will be emphasized. Weekly fieldwork in the public schools at the elementary school level is required. Restricted course; advisor code required for registration. (Same as KIN 4303. Credit cannot be earned for both CI 4273 and KIN 4303.) Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

CI 4303. Approaches to Teaching Social Studies Incorporating Language Arts and Fine Arts EC-6. (2-2) 3 Credit Hours.

Prerequisites: Admission to the Teacher Certification Program, CI 4353, CI 4403, ECE 4203, and LTED 3823. Concurrent enrollment in LTED 4833 is required for EC-6 Core Subject students. Concurrent enrollment in LTED 3813 is required for EC-6 ESL students. May not be taken concurrently with CI 4353, CI 4403, ECE 4203 or LTED 3823. A study of methods, materials, and processes for teaching social studies incorporating the language arts and fine arts. Topics include the effective implementation of social studies curriculum, instruction, assessment and evaluation from EC-grade 6 Core Subjects. Special emphasis is placed on integrating the various social sciences through thematic teaching. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for the second required semester of CI 4613 Clinical Teaching: Early Childhood-Grade 6. Restricted course; advisor code required for registration. Field experience required. (Formerly C&I 4303. Credit cannot be earned for both CI 4303 and C&I 4303.) Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

CI 4313. Methods of Teaching Content in the Secondary School-Physical Education. (3-1) 3 Credit Hours.

Prerequisites: KIN 4343, KIN 4423, and admission to the Teacher Certification Program. Examination of current trends, issues, and pedagogical approaches to the teaching and learning of physical education in the secondary school curriculum. Contemporary programming, behavior management strategies, and community outreach activities will be emphasized. Weekly fieldwork in the public schools at the secondary school level is required. Restricted course; advisor code required for registration. (Same as KIN 4203. Credit cannot be earned for both KIN 4203 and CI 4313.) Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

CI 4353. Approaches to Teaching Science EC–6. (2-2) 3 Credit Hours.

Prerequisites: Admission to the Teacher Certification Program, ECE 3143, ECE 3313, and ECE 3603. Concurrent enrollment in CI 4403, ECE 4203 and LTED 3823 is required. A study of pedagogical approaches, materials, and resources designed to support children’s meaningful exploration, discovery, and construction of basic concepts and skills in EC–Grade 6. Emphasis in the course will be on the interrelatedness of science in the daily lives of students, unifying concepts and processes common to all sciences, development of effective learning environments for science both inside and outside of the classroom, planning and implementation of inquiry-based science lessons, assessment of student learning, and the use of an integrated approach to teaching. This course must be completed with a grade of "B-" or better for students to enroll in Block C courses. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for CI 4616 Clinical Teaching: Early Childhood–Grade 6. Restricted course; advisor code required for registration. Field experience required. (Formerly C&I 4353. Same as BBL 4353. Credit can only be earned for one course: CI 4353, C&I 4353, or BBL 4353.) Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30. .

CI 4403. Approaches to Teaching Mathematics EC–6. (2-2) 3 Credit Hours.

Prerequisites: Admission to the Teacher Certification Program, ECE 3143, ECE 3313, and ECE 3603. Concurrent enrollment in CI 4353, ECE 4203 and LTED 3823 is required. This course involves the study of instructional methods and materials that support diverse children’s meaningful exploration, discovery, and development of basic concepts and skills in mathematics from EC–Grade 6. Emphasizing a constructivist approach to the teaching and learning of mathematics, this course also advances the use of technology to facilitate mathematics understanding. Attention will be given to understanding the interrelatedness of mathematics and other content areas, creating effective learning environments, planning and implementing lesson plans to meet the differentiated needs of a wide variety of learners, and assessing student learning in mathematics. This course must be completed with a grade of "B-" or better for students to enroll in Block C courses. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for CI 4616 Clinical Teaching: Early Childhood–Grade 6. Restricted course; advisor code required for registration. Field experience required. (Same as BBL 4403. Formerly C&I 4403. Credit can only be earned for one course: CI 4403, C&I 4403, or BBL 4403.) Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

CI 4433. Approaches to Teaching Science–Grades 4–8. (3-0) 3 Credit Hours.

Prerequisites: Must be admitted to the Teacher Certification Program. Concurrent enrollment in CI 4443, CI 4603, CI 4623, and LTED 3533 in semester prior to clinical teaching. Study of curricula, instructional, and management approaches to teaching science grades 4–8. This course emphasizes a constructivist approach in developing inductive and inquiry teaching methods. Special emphasis is placed on the integration of technology in diverse learning environments. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for CI 4626 Clinical Teaching: Grades 4–8. (Formerly C&I 4413 and C&I 4433. Credit cannot be earned for more than one of the following: BBL 4433, C&I 4413, C&I 4433, or CI 4433.) Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

CI 4443. Approaches to Teaching Mathematics–Grades 4–8. (3-0) 3 Credit Hours.

Prerequisites: Must be admitted to the Teacher Certification Program. Concurrent enrollment in CI 4433, CI 4603, CI 4623 and LTED 3533 in semester prior to clinical teaching. Study of curricula, instructional, and management approaches to teaching mathematics grades 4–8. This course emphasizes a constructivist approach to the teaching of mathematics, including the use of technology in diverse learning environments. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for CI 4626 Clinical Teaching: Grades 4–8. (Formerly C&I 4423 and CI 4443. Same as BBL 4443. Credit cannot be earned for more than one of the following: CI 4443, BBL 4443, C&I 4423, or C&I 4443.) Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

CI 4543. Approaches to Teaching Social Studies–Grades 4–8. (3-0) 3 Credit Hours.

Prerequisites: Must be admitted to the Teacher Certification Program. Concurrent enrollment in CI 4553, CI 4603, CI 4623, and LTED 3533 in semester prior to clinical teaching. This course emphasizes student-centered curricula that meet the needs of diverse students in grades 4–8. Preservice teachers examine models of teaching and learning to develop the knowledge, values, and experiential bases necessary for effective teaching. Students will demonstrate proficiency by creating lesson plans that specifically address the 4th–8th grade Social Studies standards as well as integrate other content, incorporate technology, and address diversity. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for CI 4626 Clinical Teaching: Grades 4–8. (Formerly C&I 4513 and C&I 4543. Credit can only be earned for one of the following: CI 4543, C&I 4543. or C&I 4513.) Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

CI 4553. Approaches to Service-Learning in Social Studies–Grades 4–8. (3-0) 3 Credit Hours.

Prerequisites: Must be admitted to the Teacher Certification Program. Concurrent enrollment in CI 4443, CI 4543, CI 4603, CI 4623, and LTED 3533 in semester prior to clinical teaching. This course examines the philosophy, methodology, and components of service-learning. Service-learning is the engagement of students in activities designed to address or meet a community need, where students learn how their service makes a difference to themselves and in the lives of the service recipients, and where learning is intentionally linked to academics. Students will design a service-learning project having social studies as the focus. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for CI 4626 Clinical Teaching: Grades 4–8. (Formerly C&I 4523 and C&I 4553. Credit can only be earned for one of the following: CI 4553, C&I 4553, or C&I 4523.) Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

CI 4603. Classroom Management Strategies—Grades 4–8. (3-0) 3 Credit Hours.

Prerequisites: Must be admitted to the Teacher Certification Program. Concurrent enrollment in CI 4433, CI 4443, CI 4623, and LTED 3533 in semester prior to clinical teaching for Grades 4–8 Mathematics/Science Certification Option; Concurrent enrollment in CI 4543, CI 4553, CI 4623, and LTED 3533 for Grades 4–8 Language Arts/Reading/Social Studies Certification Option Concurrent enrollment in CI 4433, CI 4443, CI 4543, CI 4623 for Grades 4–8 Generalist Certification Option. Preservice teachers will design developmentally appropriate mathematics and science curriculum, instruction, and assessment. Preservice teachers will also identify effective classroom management strategies. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for CI 4626 Clinical Teaching: Grades 4–8. (Formerly C&I 4603. Same as BBL 4603. Credit can only be earned for one of the following: CI 4603, C&I 4603, or BBL 4603.) Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

CI 4613. Clinical Teaching: Early Childhood—Grade 6. (0-0) 3 Credit Hours.

Prerequisites: Admission to the Teacher Certification Program; completion of all requirements for admission to the EC–6 clinical teaching semester, and completion of 21 semester credit hours of Professional Education: CI 4303, CI 4353, CI 4403, ECE 4143, ECE 4203, LTED 3823, and LTED 4833. A grade of "B-" or better in CI 4303, CI 4353, CI 4403, LTED 3823, and LTED 4833. A grade of "CR" is required for CI 4616 to be recommended for teacher certification. Individuals must apply to the director of clinical teaching one semester in advance. Bilingual EC–6 prerequisites: Admission to the Teacher Certification Program; completion of all requirements for admission to the EC–6 clinical teaching semester, completion of 18 semester credit hours of Professional Education: BBL 4033, BBL 4063, BBL 4073, BBL 4353, BBL 4403, and LTED 3823. Will be repeated for two long semesters and requires half-day clinical teaching in an EC–6th grade school setting and in the certification area sought under the supervision of University faculty. Student teacher will be responsible for planning, implementing, and evaluating instruction in collaboration with the cooperating teacher and in conjunction with the UTSA supervisor. Seminars explore issues in teaching practice. May be repeated for credit. Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

CI 4616. Clinical Teaching: Early Childhood—Grade 6. (0-0) 6 Credit Hours.

Prerequisites: Admission to the Teacher Certification Program; completion of all requirements for admission to the EC–6 clinical teaching semester, and completion of 21 semester credit hours of Professional Education: CI 4303, CI 4353, CI 4403, ECE 4143, ECE 4203, LTED 3823, and LTED 4833. A grade of "B-" or better in CI 4303, CI 4353, CI 4403, LTED 3823, and LTED 4833. A grade of "CR" is required for CI 4616 to be recommended for teacher certification. Individuals must apply to the director of clinical teaching one semester in advance. Bilingual EC–6 prerequisites: Admission to the Teacher Certification Program; completion of all requirements for admission to the EC–6 clinical teaching semester, completion of 18 semester credit hours of Professional Education: BBL 4033, BBL 4063, BBL 4073, BBL 4353, BBL 4403, and LTED 3823. Full semester of full-day clinical teaching in a regular or bilingual EC–grade 6 classroom under the supervision of University faculty. Student teacher will be responsible for planning, implementing, and evaluating instruction in collaboration with the cooperating teacher and in conjunction with the UTSA supervisor. Seminars explore issues in teaching practice. (Formerly C&I 4616. Credit cannot be earned for both CI 4616 and C&I 4616.) Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$60.

CI 4623. Applied Teaching: Grades 4–8. (3-0) 3 Credit Hours.

Prerequisites: Must be admitted to the Teacher Certification Program. Concurrent enrollment in CI 4433, CI 4443, CI 4603, and LTED 3533 for Grades 4–8 Mathematics/Science Certification Option; CI 4543, CI 4553, CI 4603, and LTED 3533 for Grades 4–8 Language Arts/Reading/Social Studies Certification Option; CI 4433, CI 4443, CI 4543, CI 4603, and LTED 3533 for Grades 4–8 Generalist Certification Option. This field experience course provides preservice teachers the opportunity to work with students in grades 4-8 in school settings under the supervision of a university instructor. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for CI 4626 Clinical Teaching: Grades 4–8. (Formerly C&I 4623. Credit cannot be earned for both CI 4623 and C&I 4623.) Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

CI 4626. Clinical Teaching: Grades 4-8. (0-0) 6 Credit Hours.

Prerequisites: Admission to the Teacher Certification Program; completion of all requirements to the 4–8 clinical teaching semester, including all relevant TExES examinations, and completion of 21 semester credit hours: CI 4603, EDP 3303, ESL 3073, MAT 1023, LTED 3533, LTED 3633, LTED 3803. A grade of "CR" is required for the clinical teaching course to be recommended for teacher certification. Individuals must apply to the director of clinical teaching one semester in advance. 4–8 Generalist students: A grade of "B-" or better is required for LTED 3533. A grade of "B-" or better is required for CI 4603. 4–8 Mathematics/Science students: The following courses completed with a grade of "B-" or better: CI 4433, CI 4443, CI 4603, LTED 3523, and LTED 3533. 4–8 Language Arts, Reading, and Social Studies students: The following courses completed with a grade of "B-" or better: CI 4543, CI 4553, LTED 3523, LTED 3533, LTED 3633. 4–8 ESL students: Completion of a minimum of 15 semester credit hours of the ESL specialization; and completion of ESL 4003, EDU 2103, EDP 3303, EDP 4203, or BBL 5053. 4–8 Bilingual students: Completion of all requirements for admission to the Bilingual 4–8 clinical teaching semester, and completion of 15 semester credit hours of Professional Education: BBL 4033, BBL 4063, BBL 4073, CI 4433 or CI 4443, and CI 4603. Full semester of full-day clinical teaching in a regular upper elementary/middle school classroom under the supervision of University faculty is required. Student teacher will be responsible for planning, implementing, and evaluating instruction in collaboration with the cooperating teacher and in conjunction with the UTSA supervisor. Seminars explore issues in teaching practice. (Formerly C&I 4626. Credit cannot be earned for both CI 4626 and C&I 4626.) Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$60.

CI 4633. Clinical Teaching: Grades 4-8. (0-0) 3 Credit Hours.

Prerequisites: Admission to the Teacher Certification Program; completion of all requirements to the 4–8 clinical teaching semester, including all relevant TExES examinations, and completion of 21 semester credit hours: CI 4603, EDP 3303, ESL 3073, MAT 1023, LTED 3533, LTED 3633, LTED 3803. A grade of "CR" is required for the clinical teaching course to be recommended for teacher certification. Individuals must apply to the director of clinical teaching one semester in advance. 4–8 Generalist students: A grade of "B-" or better is required for LTED 3533. A grade of "B-" or better is required for CI 4603. 4–8 Mathematics/ Science students: The following courses completed with a grade of "B-" or better: CI 4433, CI 4443, CI 4603, LTED 3523, and LTED 3533. 4–8 Language Arts, Reading, and Social Studies students: The following courses completed with a grade of "B-" or better: CI 4543, CI 4553, LTED 3523, LTED 3533, LTED 3633. 4–8 ESL students: Completion of a minimum of 15 semester credit hours of the ESL specialization; and completion of ESL 4003, EDU 2103, EDP 3303, EDP 4203, or BBL 5053. 4–8 Bilingual students: Completion of all requirements for admission to the Bilingual 4–8 clinical teaching semester, and completion of 15 semester credit hours of Professional Education: BBL 4033, BBL 4063, BBL 4073, CI 4433 or CI 4443, and CI 4603. Will be repeated for two long semesters and requires half-day clinical teaching in an elementary/middle school setting and in the certification area sought under the supervision of University faculty. Student teacher will be responsible for planning, implementing, and evaluating instruction in collaboration with the cooperating teacher and in conjunction with the UTSA supervisor. Seminars explore issues in teaching practice. May be repeated for credit. Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

CI 4643. Clinical Teaching: Grades 7-12. (0-0) 3 Credit Hours.

Prerequisites: Admission to the Teacher Certification Program and the clinical teaching semester, and completion of CI 4203, EDP 3203, EDP 4203, and LTED 3773 (English majors must take LTED 3683 instead of LTED 3773). Can lack no more than 6 hours in content subject matter. A grade of "B-" or better in CI 4203. A grade of "CR" is required for the clinical teaching course to be recommended for teacher certification. Individuals must apply to the director of clinical teaching one semester in advance. Will be repeated for two long semesters and requires half-day clinical teaching in a high school (7–12) setting and in the certification area sought under the supervision of University faculty. Student teacher will be responsible for planning, implementing, and evaluating instruction in collaboration with the cooperating teacher and in conjunction with the UTSA supervisor. Individuals pursuing a Basic Secondary certification, Concentration A, will student teach in the single teaching field for which certification is sought. Individuals with two teaching fields will student teach in their major teaching field. Seminars explore issues in teaching practice. May be repeated for credit. Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

CI 4646. Clinical Teaching: Grades 7–12. (0-0) 6 Credit Hours.

Prerequisites: Admission to the Teacher Certification Program and the clinical teaching semester, and completion of CI 4203, EDP 3203, EDP 4203, and LTED 3773 (English majors must take LTED 3683 instead of LTED 3773). Can lack no more than 6 hours in content subject matter. A grade of "B-" or better in CI 4203. A grade of "CR" is required for the clinical teaching course to be recommended for teacher certification. Individuals must apply to the director of clinical teaching one semester in advance. Full semester of full-day clinical teaching in grades 7–12. Student teacher will be responsible for planning, implementing, and evaluating instruction in collaboration with the cooperating teacher and in conjunction with the UTSA supervisor. Individuals pursuing a Basic Secondary certification, Concentration A, will student teach in the single teaching field for which certification is sought. Individuals with two teaching fields will student teach in their major teaching field. Seminars explore issues in teaching practice. (Formerly C&I 4646. Credit cannot be earned for both CI 4646 and C&I 4646. Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$60.

CI 4713. Clinical Teaching: All Level EC-12. (0-0) 3 Credit Hours.

Prerequisites: Admission to the Teacher Certification Program; completion of all requirements for the All-Level clinical teaching semester. All Level Physical Education students: Completion of KIN 4203 and KIN 4303 with a grade of "B-" or better. A grade of "CR" is required for the clinical teaching course to be recommended for teacher certification. All Level Health Education students: Completion of CI 4203, and EDP 3303 with a grade of "B-" or better. A grade of "B-" or better is required for the clinical teaching course to be recommended for teacher certification. Special Education students: All courses required for the degree and certification in All Level special education must be completed prior to clinical teaching. SPE 3653 and SPE 4653 must be completed with a grade of "B" or better to serve as prerequisites for CI 4716. A grade of "B-" or better is required for the clinical teaching course to be recommended for teacher certification. All Level Music students: Completion of CI 4623, CI 4213, EDP 3203, and LTED 3773. A grade of "B-" or better in CI 4203 and CI 4213. A grade of "CR" is required for the clinical teaching course to be recommended for teacher certification. All Level Art students: Completion of all requirements for admission to the clinical teaching semester, and CI 4203, EDU 2103, EDP 3203 or EDP 3303, EDP 4203, and LTED 3523 or LTED 3773. A grade of "B-" or better in CI 4203. A grade of "CR" is required for the clinical teaching course to be recommended for teacher certification. Languages other than English students: Completion of all requirements for admission to the clinical teaching semester, and CI 4203, EDP 3203, EDP 4203, and LTED 3773. Can lack no more than 6 hours in content subject matter. A grade of "B-" or better in CI 4203. A grade of "CR" is required for the clinical teaching course to be recommended for teacher certification. All courses for degree/certification plan must be completed prior to clinical teaching. Will be repeated for two long semesters and requires half-day clinical teaching in an elementary or middle school setting and in a high school setting (grades 7–12) in the certification area sought under the supervision of University faculty. Student teacher will be responsible for planning, implementing, and evaluating instruction in collaboration with the cooperating teacher and in conjunction with the UTSA supervisor. Meets clinical teaching requirements for the All-Level certification. Seminars explore issues in teaching practice. A grade of "CR" is required for the clinical teaching course to be recommended for teacher certification. Individuals must apply to the director of clinical teaching one semester in advance. May be repeated for credit. Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

CI 4716. Clinical Teaching: All Level EC–12. (0-0) 6 Credit Hours.

Prerequisites: Admission to the Teacher Certification Program; completion of all requirements for the All-Level clinical teaching semester. All Level Physical Education students: Completion of KIN 4203 and KIN 4303 with a grade of "B-" or better. A grade of "CR" is required for the clinical teaching course to be recommended for teacher certification. All Level Health Education students: Completion of CI 4203, and EDP 3303 with a grade of "B-" or better. A grade of "CR" is required for the clinical teaching course to be recommended for teacher certification. Special Education students: All courses required for the degree and certification in All Level special education must be completed prior to clinical teaching. SPE 3653 and SPE 4653 must be completed with a grade of "B" or better to serve as prerequisites for CI 4716. A grade of "CR" is required for the clinical teaching course to be recommended for teacher certification. All Level Music students: Completion of CI 4263, CI 4213, EDP 3203, and LTED 3773. A grade of "B-" or better in CI 4203 and CI 4213. A grade of "CR" is required for the clinical teaching course to be recommended for teacher certification. All Level Art students: Completion of all requirements for admission to the clinical teaching semester, and CI 4203, EDU 2103, EDP 3203 or EDP 3303, EDP 4203, and LTED 3523 or LTED 3773. A grade of "B-" or better in CI 4203. A grade of "CR" is required for the clinical teaching course to be recommended for teacher certification. Languages other than English students: Completion of all requirements for admission to the clinical teaching semester, and CI 4203, EDP 3203, EDP 4203, and LTED 3773. Can lack no more than 6 hours in content subject matter. A grade of "B-" or better in CI 4203. A grade of "CR" is required for the clinical teaching course to be recommended for teacher certification. All courses for degree/certification plan must be completed prior to clinical teaching. Full semester of full-day clinical teaching in an elementary or middle school setting and in a high school setting (grades 7–12) in the certification area sought. Student teacher will be responsible for planning, implementing, and evaluating instruction in collaboration with the cooperating teacher and in conjunction with the UTSA supervisor. Meets clinical teaching requirements for the All-Level certification. Seminars explore issues in teaching practice. A grade of "CR" is required for the clinical teaching course to be recommended for teacher certification. Individuals must apply to the director of clinical teaching one semester in advance. (Formerly C&I 4716. Credit cannot be earned for both CI 4716 and C&I 4716.) Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$60.

CI 4911. Independent Study. (0-0) 1 Credit Hour.

Prerequisites: Permission in writing (form available) from the instructor, the student's advisor, the Department Chair, and the Dean of the College in which the course is offered. Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 semester credit hours of independent study, regardless of discipline, will apply to a bachelor's degree. (Formerly C&I 4911.) Course Fee: STSH \$10.

CI 4912. Independent Study. (0-0) 2 Credit Hours.

Prerequisites: Permission in writing (form available) from the instructor, the student's advisor, the Department Chair, and the Dean of the College in which the course is offered. Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 semester credit hours of independent study, regardless of discipline, will apply to a bachelor's degree. (Formerly C&I 4912.) Course Fee: STSH \$20.

CI 4913. Independent Study. (0-0) 3 Credit Hours.

Prerequisites: Permission in writing (form available) from the instructor, the student's advisor, the Department Chair, and the Dean of the College in which the course is offered. Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 semester credit hours of independent study, regardless of discipline, will apply to a bachelor's degree. (Formerly C&I 4913.) Course Fee: STSH \$30.

CI 4923. Residency Internship in Education. (0-0) 3 Credit Hours.

Prerequisites: Admission to the Teacher Certification Program: a bachelor's degree, completion of all coursework requirements for the certification program, or candidate admitted into Residency 2.0; consent of the Interdisciplinary Education and Certification Center; and consent of the director of clinical teaching. Internships to be jointly supervised by an employing school district and UTSA. Experiences will relate to the intern as the teacher-of-record in the classroom. A grade of "CR" is required for CI 4923 to be recommended for teacher certification. May be repeated for credit. (Formerly C&I 4923.) Course Fees: LRH1 \$20; STSH \$30.

CI 4926. Residency Internship in Education. (0-0) 6 Credit Hours.

Prerequisites: Admission to the Teacher Certification Program; a bachelor's degree, completion of all coursework requirements for the certification program, or candidate admitted into Residency 2.0; consent of the Interdisciplinary Education Advising and Certification Center; and consent of the director of clinical teaching. Internships to be jointly supervised by an employing school district and UTSA. Experiences will relate to the intern as the teacher-of-record in the classroom. A grade of "CR" is required for CI 4926 to be recommended for teacher certification. (Formerly C&I 4926.) May be repeated for credit. Course Fees: LRH1 \$20; STSH \$60.

Early Childhood (ECE) Courses

ECE 2013. Introduction to Multicultural Early Childhood Education. (3-0) 3 Credit Hours.

Examination of the history of Early Childhood Education, curriculum, and current issues with a special emphasis on culturally and linguistically diverse families and young children. Field experience required. Course Fees: LRH1 \$20; STSH \$30.

ECE 2123. Diversity in Early Childhood. (3-0) 3 Credit Hours.

Study of diversity within early childhood contexts including culture, language, traditions, beliefs, family structure, socioeconomic background, ability, and national origin within the US and the world. (Same as BBL 2123. Credit cannot be earned for both ECE 2123 and BBL 2123.) Course Fees: LRH1 \$20; STSH \$30.

ECE 3133. Programs and Policies in Early Childhood Education. (3-0) 3 Credit Hours.

This course is a survey of historical, philosophical, and sociocultural foundations of early childhood programs and policies. Students will examine past and current trends in early childhood education and their impact on early childhood practices and policies. A variety of early childhood programs-national and international, traditional and culturally responsive, federal and state-funded-will be examined. Early childhood policies and their impact on teachers and students will be discussed at length. Generally offered: Fall. Course Fees: LRH1 \$20; STSH \$30.

ECE 3143. Child Growth and Development. (3-0) 3 Credit Hours.

Examination of child development theories (conception through elementary years) within different domains that affect children's development and learning including, physical, cognitive, linguistic, social, and emotional. Emphasis on multicultural theoretical perspectives of child development addressing culturally and linguistically diverse populations and children with atypical patterns of development. Field experience required. (Formerly ECE 2103. Credit cannot be earned for both ECE 3143 and ECE 2103.) Generally offered: Fall, Spring, Summer. Course Fees: LRH1 \$20; STSH \$30.

ECE 3153. Movement, Music and Health in Early Childhood. (3-0) 3 Credit Hours.

Emphasis on creative movement through the senses focusing on appropriate motor development skills (fine and gross). Examination of physical development to increase health awareness through culturally relevant music. Field experience required. Course Fees: LRH1 \$20; STSH \$30.

ECE 3313. Play, Creativity, and Learning. (3-0) 3 Credit Hours.

Concurrent enrollment in ECE 3143, ECE 3603, and LTED 3513 is required. A study of play theories as they relate to creativity, development, and learning. Will provide early childhood and elementary educators with knowledge and skills necessary to promote and guide children's play as a fundamental learning mechanism within culturally, linguistically, and cognitively diverse classrooms. Emphasis on effective strategies, equipment, materials, and activities that support and encourage children's play and creativity at the early childhood and elementary grades. Field experience required. Generally offered: Fall, Spring, Summer. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

ECE 3603. Language and Literacy Acquisition. (3-0) 3 Credit Hours.

Concurrent enrollment in ECE 3143, ECE 3313, and LTED 3513 is required. Exploration of theories of first and second language development in young children with implications for the acquisition of early literacy concepts for all children. Examines ways that educators can enhance language and literacy development for first and second language learners. Introduces appropriate, research-based approaches to teach early reading and writing for culturally and linguistically diverse children. Field experience required. Generally offered: Fall, Spring, Summer. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

ECE 4103. Guidance of Young Children in Groups. (3-0) 3 Credit Hours.

Study of effective strategies for guiding the social-emotional development and learning of children, including those with special needs, in group settings. Emphasis on classroom management and discipline methods; understanding human interactions and the cultural dynamics of groups; and guiding children in task involvement. Examination of strategies for facilitating cooperative activities and use of materials; the design of effective learning environments; conflict resolution techniques, and strategies for enhancing the inclusion of children with special needs in social and learning contexts. Field experience required. Generally offered: Spring. Course Fees: LRH1 \$20; STSH \$30.

ECE 4123. Family and Community Resources in Early Childhood. (3-0) 3 Credit Hours.

Study of approaches to family, community, societal, cultural, and ideological support systems in children's growth, learning, and development. Emphasis on how these factors are related in the permissive-restrictive dimensions of child rearing and socialization in broad perspectives across environmental contexts. Examination of resources and systems to address the special needs of families with children who are "at risk" or have disabilities. Review of technological tools used to locate and compile information on community resources. Field experience required. Generally offered: Spring. Course Fees: LRH1 \$20; STSH \$30.

ECE 4143. Principles and Practices of Differentiated Education EC-6. (3-0) 3 Credit Hours.

Prerequisites: Concurrent enrollment in ECE 3313, ECE 3603, and LTED 3513. Study of cultural and responsive programming for linguistically diverse groups of children representing a wide range of abilities. Identification of theoretical perspectives and principles for differentiated education in early childhood and elementary. Emphasis on effective instructional planning, learning environments, and teaching practices to accommodate individuals in group settings. Field experiences may be required. Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STSH \$30.

ECE 4153. Culturally Appropriate Assessment for Infants and Young Children. (3-0) 3 Credit Hours.

Selecting and employing culturally fair assessment and evaluation techniques that are reliable, valid, and developmentally appropriate for infants and young children. Includes the examination of strategies such as developmental checklists, parent interviews, play-based, portfolios, and informal observations for conducting assessment. Using assessment outcomes appropriately for instructional and curricular planning. Course Fees: LRH1 \$20; STSH \$30.

ECE 4203. Assessment and Evaluation in EC-6. (3-0) 3 Credit Hours.

Prerequisites: ECE 3143, ECE 3603 and admission to Teacher Certification Program. Concurrent enrollment in CI 4403 or CI 4353 and LTED 3823 or LTED 3513 is recommended. Principles of designing and using assessment and evaluation techniques that are culturally fair, intellectually sound, reliable, dependable, and content-valid for first and second language learners. Examination of standardized, authentic, and performance-based assessments. Review of strategies for using assessment data to inform instructional planning for culturally and linguistically diverse children. Exploration of matching assessment techniques to individual children and learning situations. Field-based experiences required. Generally offered: Fall, Spring. Course Fees: LEA1 \$15; LRH1 \$20; STF1 \$75; STSH \$30.

ECE 4253. STEM in Early Childhood Contexts. (3-0) 3 Credit Hours.

This course focuses on the integration of science, technology, engineering, and mathematics (STEM) in early childhood settings. Participants will examine the design of developmentally appropriate methodologies to engage young children in interdisciplinary learning in authentic settings. Course Fees: LRH1 \$20; STSH \$30.

ECE 4342. Internship in Multicultural Early Childhood Development I - Infants. (0-0) 2 Credit Hours.

Prerequisite: Completion of required courses in the major and the minor. Students engage in an internship experience where the focus is on the development and growth of infants. Emphasis is on experiences that benefit infants and families in different contexts. There is a study abroad option. Course Fees: INT1 \$100; STSH \$20.

ECE 4412. Internship in Multicultural Early Childhood Development II - Toddlers. (0-0) 2 Credit Hours.

Prerequisite: Completion of required courses in the major and the minor. Students engage in an internship experience where the focus is on the development and growth of toddlers. Emphasis is on experiences that benefit toddlers and families in different contexts. There is a study abroad option. Course Fees: INT1 \$100;; STSH \$20.

ECE 4552. Internship in Multicultural Early Childhood Development III - Preschool. (0-0) 2 Credit Hours.

Students engage in an internship experience where the focus is on the development and growth of preschoolers. Emphasis is on experiences that benefit preschoolers and families in different contexts. There is a study abroad option. Course Fees: INT1 \$100; STSH \$20.

ECE 4653. Leadership and Management of Early Childhood Settings. (3-0) 3 Credit Hours.

This course will focus on the leadership aspects related to sustaining high-quality Early Childhood Education programs. Developmentally Appropriate Practice and growth and development practices for young children will be explored. Special attention will be given to effective ECE practices in culturally and linguistically diverse settings. Course Fees: LRH1 \$20; STSH \$30.

ECE 4913. Independent Study. (0-0) 3 Credit Hours.

Prerequisites: Permission in writing (form available) from the instructor, the student's advisor, the Department Chair, and Dean of the College in which the course is offered. Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 semester credit hours of independent study, regardless of discipline, will apply to a bachelor's degree. Course Fee: STSH \$30.

Interdisciplinary Studies (IDS) Courses

IDS 2013. Introduction to Learning and Teaching in a Culturally Diverse Society. (3-0) 3 Credit Hours.

Introductory course for all prospective teachers. This course is designed to help students understand the complexity of K–12 teaching in our contemporary society. Students will examine the history, policies and practices that have shaped schooling in the United States. Contemporary dilemmas of equity, the achievement gap, and other marginalizing practices will be considered to better understand the culture of schooling and classrooms, and the complex role of the teacher. Emphasis will be on, but not limited to, students as learners, curriculum standards and assessment, effective teaching practices for diverse learners, professionalism, and the sociopolitical challenges confronting today's teachers. Field experience required. Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

IDS 2083. Learning with Technology. (3-1) 3 Credit Hours.

This course investigates theoretical and practical issues surrounding the use of digital technologies in formal and informal contexts of learning. The course offers opportunities for learners to explore current and emergent technologies for learning, and how the use of these technologies can be optimized for diverse learning contexts. (Formerly titled "Technology for Learning and Teaching.") Course Fees: LRH1 \$20; STSH \$30.

IDS 2113. Society and Social Issues. (3-0) 3 Credit Hours.

This course explores contemporary social issues resulting from modern globalization and transnationalism from diverse disciplinary perspectives. Students investigate data and relate scholarship to understand the nature of global changes, as well as their impact on the world's people and global societies. Personal and social responsibility in relation to social issues will be explored through a variety of global, national, regional, and community-based topics. Students will be expected to synthesize disciplinary studies and demonstrate their connections of global issues to local contexts through written, oral, and visual representations. May be applied toward the Core Curriculum requirement in Social and Behavioral Sciences. Generally offered: Fall, Spring, Summer. Course Fees: LRC1 \$12; LRH1 \$20; STSH \$30.

IDS 2403. Physical Science. (3-0) 3 Credit Hours.

Prerequisites: Completion of Mathematics and Science Core Curriculum requirements. Study of fundamental laws that govern the universe, including mechanics, thermodynamics, electromagnetism, and quantum theory, and how these relate to physics and chemistry. Topics will include but not be limited to: basic scientific problem-solving techniques, fundamental forces; energy and how it is conserved and transformed; matter; atomic structure; and chemical interactions. (Credit cannot be earned for both IDS 2403 and IDS 3234.) Generally offered: Fall, Spring, Summer. Course Fees: LRH1 \$20; STSH \$30.

IDS 2413. Earth Systems Science. (3-0) 3 Credit Hours.

Prerequisites: Completion of Mathematics and Science Core Curriculum requirements. This course provides a look at the Earth system as a whole. Emphasis will be on the interrelationships between biological, geological, hydrological, climatological, and human systems on local, continental and global scales. The interactions between the hydrosphere, atmosphere, biosphere, cryosphere, and lithosphere that together make up the Earth system will be studied. This interdisciplinary view of our planet highlights the manner in which all systems of the Earth control or influence each other. (Formerly IDS 3213. Credit cannot be earned for both IDS 2413 and IDS 3213. Credit cannot be earned for both IDS 2413 and IDS 3224.) Generally offered: Fall, Spring, Summer. Course Fees: LRH1 \$20; STSH \$30.

IDS 3003. STEM in Social Contexts. (3-0) 3 Credit Hours.

Prerequisites: IDS 2113, WRC 1013 and WRC 1023. An exploration of inquiry in STEM fields and how it is situated in local and global sociocultural contexts across time. This course uses an interdisciplinary approach to studying the nature of inquiry, knowledge, and theory development, as well as the mutual relationships between STEM fields and social contexts. (Formerly titled "Science and Humanity.") Generally offered: Fall, Spring, Summer. Course Fees: DL01 \$75; LRH1 \$20; STSH \$30.

IDS 3013. Diversity, Equity, and the Social Sciences. (3-0) 3 Credit Hours.

Prerequisite: IDS 2113. This course offers learners opportunities to explore issues of diversity and equity by examining the social construction of race, class, sex, sexuality and other markers that may cause social oppression. Students will be invited to engage in in-depth inquiry about knowledge production and identity construction within the dominant discourse, as well as in critical reflection on social transformation practices in schools and communities. Generally offered: Fall, Spring, Summer. Course Fees: LRH1 \$20; STSH \$30.

IDS 3123. Culture, Literature, and Fine Arts. (3-0) 3 Credit Hours.

Prerequisites: IDS 2113, WRC 1013, and WRC 1023. The goal of this course is to engage students in inquiry on how issues embedded within and across cultures/time periods are reflected, challenged, and reinterpreted, through literature, art, music, film, and other forms of cultural expression. By contrasting and comparing cultural discourses and identities, students will have opportunities to develop respect, empathy, and understanding of diversity and social responsibility from an interdisciplinary perspective. Generally offered: Fall, Spring, Summer. Course Fees: ISCU \$120; LRH1 \$20; STSH \$30.

IDS 3201. Inquiry in Physical Science. (0-3) 1 Credit Hour.

Prerequisites: Completion of Mathematics and Science Core Curriculum requirements. Hands-on experimental inquiry with standard laboratory tools and techniques in the fields of physics and chemistry. Major themes include energy, forces, and atomic and subatomic interactions. (Credit cannot be earned for both IDS 3201 and IDS 3234.) Generally offered: Fall, Spring, Summer. Course Fees: L001 \$35; LRH1 \$20; STSH \$10.

IDS 3211. Inquiry in Earth Systems Science. (0-3) 1 Credit Hour.

Prerequisites: Completion of Mathematics and Science Core Curriculum requirements. Course familiarizes students with laboratory and field tools, techniques, and safety issues and allows them to form a better understanding of major topics in Earth systems science, especially in the areas of hydrology, soils, atmosphere, land cover, and GPS. Students will participate in scientific inquiry investigations of the Earth's systems and components. (Credit cannot be earned for both IDS 3211 and IDS 3224.) (Formerly titled "Advanced Earth Systems Science Laboratory.") Generally offered: Fall, Spring, Summer. Course Fees: L001 \$25; LRH1 \$20; STSH \$10.

IDS 3224. Earth Systems Science Investigations. (2-4) 4 Credit Hours.

Prerequisites: Completion of Mathematics and Science Core Curriculum requirements. Integrated online lecture and laboratory course that provides a look at the Earth system as a whole. Emphasis will be on the interrelationships between biological, geological, hydrological, and human systems on local, continental and global scales. The interactions between the hydrosphere, atmosphere, biosphere, and lithosphere that together make up the Earth system will be studied. This interdisciplinary view of our planet highlights the manner in which all systems of the Earth influence each other. Credit for IDS 3224 is equivalent to credit for both IDS 2413 and IDS 3211. Credit cannot be earned for IDS 2413 (or IDS 3213) and IDS 3211 if this course is taken. Generally offered: Fall, Spring, Summer. Course Fees: DL01 \$100; LRH1 \$20; STSH \$40.

IDS 3234. Investigations in Physical Science. (2-4) 4 Credit Hours.

Prerequisites: Completion of Mathematics and Science Core Curriculum requirements. Integrated online lecture and laboratory course that provides learners with varied opportunities to build an understanding of intricate relationships commonly addressed in the fields of physics and chemistry, and to evaluate these relationships as a holistic system. Explorations of conceptual ideas will include varied methods of engagement, including hands-on and minds-on experimentation. Credit for IDS 3234 is equivalent to credit for both IDS 2403 and IDS 3201. Credit cannot be earned for IDS 2403 (or IDS 3203) and IDS 3201 if this course is taken. Generally offered: Fall, Spring, Summer. Course Fees: DL01 \$100; LRH1 \$20; STSH \$40.

IDS 3713. Interdisciplinary Inquiry. (3-0) 3 Credit Hours.

Prerequisites: IDS 2113, IDS 3003, IDS 3013, IDS 3123, WRC 1013, and WRC 1023. This course fosters opportunities for engaging in the study of thinking in the sciences, social studies, mathematics, language arts, and fine arts through interdisciplinary investigations. Course experiences include development, practice, and analysis of ways of inquiring in several subject areas and seeking their implications for interdisciplinary inquiries toward critical reflection and transformative praxis. Generally offered: Fall, Spring, Summer. Course Fees: DL01 \$75; LRH1 \$20; STSH \$30.

IDS 4913. Independent Study. (0-0) 3 Credit Hours.

Prerequisites: Permission in writing (form available) from the instructor, the student's advisor, the Department Chair, and the Dean of the College in which the course is offered. Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 semester credit hours of independent study, regardless of discipline, will apply to a bachelor's degree. Course Fee: STSH \$30.

IDS 4993. Honors Thesis. (0-0) 3 Credit Hours.

Prerequisites: Enrollment limited to candidates for honors in the Department of Interdisciplinary Learning and Teaching during the last two semesters; consent of the Honors College. Supervised research and preparation for an honors thesis. May be repeated once with advisor's approval. Course Fees: LRH1 \$20; STSH \$30.

Literacy Education (LTED) Courses

LTED 3513. Children's Literature EC-6. (3-0) 3 Credit Hours.

Concurrent enrollment in ECE 3143, ECE 3313, ECE 3603, and ECE 4143 is required for EC-6 Core Subject students. Concurrent enrollment in ECE 3143 is required for EC-6 ESL students. Designed to familiarize students with children's books from diverse cultures that are appropriate for EC-Grade 6. Topics will include: criteria for selecting and evaluating children's literature appropriate for different levels of reading development; crafting of literary texts from diverse genres; reading pedagogies that surround the use of children's literature in the classroom from disciplinary, response, and critical perspectives; and textual features that support the science of teaching reading. (Formerly RDG 3513. Credit cannot be earned for both LTED 3513 and RDG 3513.) Generally offered: Fall, Spring, Summer. Course Fees: LRH1 \$20; STSH \$30.

LTED 3523. Reading for Teachers-Grades 4-8. (3-0) 3 Credit Hours.

An overview of the development of reading across the grades with an emphasis on grades 4 through 8. This course focuses on the reading process, techniques for developing oral and written language facility, word identification and comprehension of readers from various sociocultural backgrounds and with differing abilities, and classroom assessment of reading. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for CI 4626 Clinical Teaching: Grades 4-8. Field experience required. (Formerly RDG 3523. Credit cannot be earned for both LTED 3523 and RDG 3523.) Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

LTED 3533. Reading and Writing Across the Disciplines-Grades 4–8. (3-0) 3 Credit Hours.

Prerequisite: LTED 3523. Concurrent enrollment in CI 4543, CI 4553, and EDP 4203 in semester prior to clinical teaching for Grades 4–8 LA/RDG/SS certification. Must be admitted to the Teacher Certification Program. Study of the teaching and learning of content area reading in grades 4 through 8 including the textual, contextual, and cultural factors that influence reading. The course considers the range of reading abilities of intermediate and middle grade students, texts used in these grade levels, and strategies for teaching and evaluating vocabulary, comprehension, and thinking skills in the content areas. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for CI 4626 Clinical Teaching: Grades 4–8. Field experience required. (Formerly RDG 3533. Credit cannot be earned for both LTED 3533 and RDG 3533.) Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

LTED 3633. Literature and Other Texts Across the Content Areas-Grades 4–8. (3-0) 3 Credit Hours.

This course is designed to familiarize students with literature and other texts appropriate for students in grades 4 through 8. These texts include trade books, informational books, electronic texts, and other real-world texts that are appropriate for teaching and learning. Topics will include: examination of critical issues in children's books and young adult literature, evaluation and selection of texts, and literary response. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for CI 4626 Clinical Teaching: Grades 4–8. (Formerly RDG 3633. Credit cannot be earned for both LTED 3633 and RDG 3633.) Generally offered: Spring. Course Fees: LRH1 \$20; STSH \$30.

LTED 3643. Children's Literature for Young Diverse Learners - Infants and Toddlers. (3-0) 3 Credit Hours.

This course is designed to familiarize students with formats and genres of children's books appropriate for young children from 0 to age 5, with a particular focus on books from diverse cultures. Topics will include: the values of children's books for promoting social, linguistic, emotional, and cognitive development, criteria for selecting books, the evaluation of individual books, and ways of fostering young children's engagement with books. (Formerly RDG 3643. Credit cannot be earned for both LTED 3643 and RDG 3643.) Course Fees: LRH1 \$10; STSH \$30.

LTED 3673. Reading for Secondary Teachers-Grades 7–12. (3-0) 3 Credit Hours.

An overview of the developmental nature of reading across the grades with an emphasis on grades 7 through 12. This course focuses on the reading process, including word identification, fluency, vocabulary, higher-order levels of comprehension, and metacognition. This course considers social and cultural factors that influence the adolescent reading processes, including the role of social interaction in reading, language variations, and background knowledge that are a part of the reading process. Other topics include differences in student ability and motivation as well as new approaches to assessment. This course also explores literacy programs that fit the needs of diverse adolescents, especially programs that address the challenges of struggling secondary readers. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for CI 4646 Clinical Teaching: Grades 7–12. Field experience required. (Formerly RDG 3673. Credit cannot be earned for both LTED 3673 and RDG 3673.) Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

LTED 3683. Writing Development, Processes, and Instruction-Grades 7–12. (3-0) 3 Credit Hours.

Prerequisite: Admission to the Teacher Certification Program. Examines the nature of written language and facets of the writing process. The course focuses on the developmental nature of writing, stages in the writing process, writing in different genres, writing in the content areas, writing to learn, writing in relation to other communication processes, the evaluation of writing, and the place of technology in writing. For English majors 7-12, this course must be completed with a grade of "B-" or better for it to serve as a prerequisite for CI 4646 Clinical Teaching: Grades 7-12. Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STSH \$30.

LTED 3773. Reading and Writing Across the Disciplines-Grades 7–12. (3-0) 3 Credit Hours.

Prerequisites: Completion of all requirements for admission to the Teacher Certification Program, including but not limited to satisfying the TSI requirement, and completing EDP 3203 and EDU 2103. Study of the reading process and of materials and techniques for supporting reading and writing in the secondary school. Considers the range of reading ability of secondary students, texts used, and strategies for teaching vocabulary, and comprehension in different content areas. Directed field experiences in secondary school classrooms are required. Opportunities for cross-disciplinary applications. Restricted course; advisor code required for registration. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for CI 4646 Clinical Teaching: Grades 7–12. Field experience required. (Formerly RDG 3773. Credit cannot be earned for both LTED 3773 and RDG 3773.) Generally offered: Fall, Spring, Summer. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

LTED 3803. Writing Development, Processes, and Instruction-Grades 4–8. (3-0) 3 Credit Hours.

Examines the nature of written language and facets of the writing process. The course focuses on the developmental nature of writing, stages in the writing process, writing in different genres, writing in the content areas, writing to learn, writing in relation to other communication processes, the evaluation of writing, and the place of technology in writing. For EC–6 generalists, this course must be completed with a grade of "B-" or better for it to serve as a prerequisite for CI 4616 Clinical Teaching: Early Childhood–Grade 6 and CI 4626 Clinical Teaching: Grades 4–8. Restricted course; advisor code required for registration. (Formerly RDG 3803. Credit cannot be earned for both LTED 3803 and RDG 3803.) Generally offered: Fall, Spring, Summer. Course Fees: LRH1 \$20; STSH \$30.

LTED 3813. Writing Development and Instruction-EC–6. (3-0) 3 Credit Hours.

Prerequisites: Admission to the Teacher Certification Program, ECE 3143, ECE 3313, and ECE 3603. Concurrent enrollment with second semester of CI 4613 is required for EC-6 Core Subject students. Concurrent enrollment with CI 4303 is required for EC-6 ESL students. Examines the developmental nature of writing, contextual factors that impact development, and the ways in which writing development parallels reading development. Focuses on theories of writing development, including the nature of written language, the writing process, and writing to learn (within various disciplines) for monolingual children and children who are learning English as an additional language. For EC–6 Core Subjects, this course must be completed with a grade of "B-" or better for it to serve towards the requirements. Restricted course; advisor code required for registration. Course Fees: LRH1 \$20; STSH \$30.

LTED 3823. Reading Comprehension-EC-6. (2-2) 3 Credit Hours.

Prerequisites: Admission to the Teacher Certification Program, ECE 3143, ECE 3313, and ECE 3603. Concurrent enrollment in CI 4353, CI 4403, and ECE 4203 is required. May not be taken concurrently with CI 4303, ECE 4143, and LTED 4833. Study of the reading comprehension process, including how textual, reader, psychological, contextual, and cultural factors affect understanding of text for monolingual children and children who are learning English as a Second Language. Emphasis is placed on cognitive reading strategies for comprehending narrative and expository text. Emphasis is also placed on strategies for teaching and evaluating vocabulary, comprehension, and thinking skill in the content areas. This course must be completed with a grade of "B-" or better for students to enroll in Block C courses. For EC-6 generalists, this course must be completed with a grade of "B-" or better for it to serve as a prerequisite for CI 4616 Clinical Teaching: Early Childhood-Grade 6. Restricted course; advisor code required for registration. Field experience required. (Formerly RDG 3823. Credit cannot be earned for both LTED 3823 and RDG 3823. Credit cannot be earned for both LTED 3823 and BBL 3823.) Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

LTED 4833. Organizing Literacy Programs for Differentiated Instruction-EC-6. (2-2) 3 Credit Hours.

Prerequisites: Admission to the Teacher Certification Program, completion of CI 4353, CI 4403, ECE 4203, and LTED 3823. Concurrent enrollment in CI 4303 is required. May not be taken concurrently with CI 4353, CI 4403, ECE 4203, and LTED 3823. Restricted course; advisor code required for registration. Field experience required. Course is designed to familiarize students with a variety of literacy (reading and writing) programs (and how those programs support the science of teaching reading and writing) and to implement differentiated reading and writing pedagogy to support literacy development in various contexts (individual, small group, and whole-class). Students will learn to administer, interpret, and use assessments to gain a holistic view of students' strengths and areas of need to inform instruction. This course must be completed with a grade of "B-" or better for it to serve as a prerequisite for the second required semester of CI 4613 Clinical Teaching: Early Childhood-Grade 6. Restricted course; advisor code required for registration. Field experience required. Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

LTED 4913. Independent Study. (0-0) 3 Credit Hours.

Prerequisites: Permission in writing (form available) from the instructor, the student's advisor, the Department Chair, and Dean of the College in which the course is offered. Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 semester credit hours of independent study, regardless of discipline, will apply to a bachelor's degree. (Formerly RDG 4913.) Course Fee: STSH \$30.

Special Education (SPE) Courses

SPE 3303. Introduction to Applied Behavior Analysis. (3-0) 3 Credit Hours.

This course provides a basic introduction to applied behavior analysis and the highly beneficial role that it can play in early childhood intervention for both typically developing children and those with special needs. The objective of this course is to master the fundamental principles of behavior in preparation for learning to apply these principles in school- and community-based settings that focus on early childhood education and intervention. This course is a recommended prerequisite for SPE 3633, SPE 3673, SPE 4673, SPE 4681, and SPE 4683. Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STSH \$30.

SPE 3603. Introduction to Special Education. (3-0) 3 Credit Hours.

A study of individuals, groups, and populations with disabilities or exceptionalities. Content covered includes special education and disability law, critical issues in special education, special education processes and procedures, etiology, characteristics, prevalence, and placement options. Knowledge and competencies necessary for providing research-based, empirically derived best practices in curriculum and instruction to preschool and school-aged children and youth with exceptionalities in inclusive settings will also be presented. (Formerly titled "Introduction to Exceptionality.") Generally offered: Fall, Spring, Summer. Course Fees: DL01 \$75; LRH1 \$20; STSH \$30.

SPE 3623. Assessment of Students with Mild/Moderate Disabilities. (3-0) 3 Credit Hours.

Prerequisites: SPE 3603, SPE 3633, SPE 3683, SPE 3693, and SPE 4623. Concurrent enrollment in SPE 3653, SPE 4643, and SPE 4683 is required. Restricted course; advisor code required for registration. An introduction to assessment of students with mild/moderate disabilities. Informal and formal assessment instruments, procedures, and systems for assessment of aptitude, achievement, adaptive behavior, and language abilities will be studied. This course must be completed with a grade of "B" or better for it to serve as a prerequisite for CI 4716 Clinical Teaching: All level EC-12. Generally offered: Spring. Course Fees: LEA1 \$15; LRH1 \$20; STSH \$30.

SPE 3633. Classroom and Behavior Management. (3-0) 3 Credit Hours.

Prerequisite: SPE 3603. An in-depth introduction to behavior management for K-12 classrooms and other settings using applied behavior analysis. Objectives of this course include mastering evidence-based practices in applied behavior analysis within a Response to Intervention (RTI) framework, such as functional behavior assessment and function-based treatment of challenging behavior in students or clients. Behavioral approaches to classroom management at the class-wide and school-wide level are also addressed. Strategies also include the use of single-subject experimental design methodology, preference assessments, reinforcer assessments, differential reinforcement, and avoiding the use of punishment. Generally offered: Fall, Spring. Course Fees: DL01 \$75; LRH1 \$20; STSH \$30.

SPE 3653. Practicum in Special Education (Mild/Moderate Disabilities). (3-0) 3 Credit Hours.

Prerequisites: SPE 3603, SPE 3633, SPE 3683, SPE 3693, and SPE 4623. Concurrent enrollment in SPE 3623, SPE 4643 and SPE 4683 is required. Restricted course; advisor code required for registration. Instructional practices for students with disabilities will be studied including instructional design and creation of individual education plans. Application of course content in the field with students with disabilities will be required. Students enrolled in this course will be required to spend 6-8 hours a week in field-based placements, for a total of 60 to 80 hours, dependent upon the field placement program needs and requirements and on instructor requirements. This course must be completed with a grade of "B" or better for it to serve as a prerequisite for CI 4716 Clinical Teaching: All Level EC-12. Restricted course; advisor code required for registration. May be repeated for credit. (Same as SPE 5893.) Generally offered: Spring. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

SPE 3673. Behavioral Assessment of Students with Autism and Developmental Disorders. (3-0) 3 Credit Hours.

Prerequisites: SPE 3603, SPE 3633, SPE 3683, SPE 3693, and SPE 4623. Concurrent enrollment in SPE 4653, SPE 4673 and SPE 4693 is required. Restricted course; advisor code required for registration. An in-depth introduction to comprehensive curriculum development and behavioral assessment of academic and nonacademic behavior, with a focus on students or clients with autism and other developmental disorders and intellectual disability. Objectives in this course include mastering basic information about autism spectrum disorders and using the evidence-based practice of applied behavior analysis in a Response to Intervention (RTI) framework to conduct assessments and treatment evaluations which inform curriculum development, implementation, and refinement. Strategies include advanced applications of single-subject design methodology, advanced functional analysis, brief experimental analysis of academic behavior, and assessments for literacy, verbal behavior, social, and life skills. This course must be completed with a grade of "B" or better for it to serve as a prerequisite for CI 4716 Clinical Teaching: All Level EC-12. Generally offered: Fall. Course Fees: LEA1 \$15; LRH1 \$20; STSH \$30.

SPE 3683. Special Education Across the Lifespan. (3-0) 3 Credit Hours.

Prerequisite: SPE 3603. The study of programs and services in special education, including early childhood intervention and transition, that impact students with disabilities throughout the lifespan. The course will focus on supports, procedures, and resources for facilitating transitions and communication of transition activities involving the student and families. Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STSH \$30.

SPE 3693. Special Education Law. (3-0) 3 Credit Hours.

A study of the local, federal and state laws, regulations, rules, and ethics that govern special education. Course topics will include due process, confidentiality, monitoring and evaluation requirements, and the provision of related services. Emphasis on terminology, definitions, classification systems, and current issues and trends. Generally offered: Fall, Spring. Course Fees: DL01 \$75; LRH1 \$20; STSH \$30.

SPE 4623. Mathematics Instruction for Students with Disabilities. (3-0) 3 Credit Hours.

Prerequisite: SPE 3603. The study of the learning and development of mathematical concepts, procedures, and skills for students with disabilities. Concepts, methods, and appropriate use of technology related to numbers, patterns, operations, problem solving, geometry, and algebraic reasoning will be included. Research-based methods and strategies will be applied in the field. This course must be completed with a grade of "B" or better for it to serve as a prerequisite for CI 4716 Clinical Teaching: All Level EC-12. Generally offered: Fall, Spring. Course Fees: LRH1 \$20; STSH \$30.

SPE 4643. Instruction for Students with Mild/Moderate Disabilities. (3-0) 3 Credit Hours.

Prerequisites: SPE 3603, SPE 3633, SPE 3683, SPE 3693, and SPE 4623. Concurrent enrollment in SPE 3623, SPE 3653, and SPE 4683 is required. Restricted course; advisor code required for registration. This course is a study of the development and implementation of research-validated instructional strategies. Students will learn how to select learning strategies to meet the individual needs of students with disabilities. Specific learning strategies will be evaluated and implemented in classroom settings. Strategies will address the acquisition, storage, and expression of knowledge. Class sessions will involve direct development in learning strategies and specific problem solving associated with strategies instruction. This course must be completed with a grade of "B" or better for it to serve as a prerequisite for CI 4716 Clinical Teaching: All Level EC-12. Generally offered: Spring. Course Fees: LRH1 \$20; STSH \$30.

SPE 4653. Practicum in Special Education (Moderate/Severe Disabilities). (3-0) 3 Credit Hours.

Prerequisites: SPE 3603, SPE 3633, SPE 3683, SPE 3693, and SPE 4623. Concurrent enrollment in SPE 3673, SPE 4673 and SPE 4693 is required. Restricted course; advisor code required for registration. The study of the planning, application, and evaluation of Individual Educational Plans (IEPs) and the specialized educational and related services provided under the law to students with disabilities. Students enrolled in this course will be required to spend 6 to 8 hours a week in field-based placements for a total of 60 to 80 hours, dependent upon field placement program needs and requirements and on instructor requirements. This course must be completed with a grade of "B" or better for it to serve as a prerequisite for CI 4716 Clinical Teaching: All Level EC-12. Restricted course; advisor code required for registration. May be repeated for credit. (Same as SPE 5793.) Generally offered: Fall. Course Fees: LRH1 \$20; STF1 \$75; STSH \$30.

SPE 4673. Behavioral Instruction of Students with Autism and Developmental Disabilities. (3-0) 3 Credit Hours.

Prerequisites: SPE 3603, SPE 3633, SPE 3683, SPE 3693, and SPE 4623. Concurrent enrollment in SPE 3673, SPE 4653 and SPE 4693 is required. Restricted course; advisor code required for registration. An in-depth introduction to behavioral interventions and teaching practices for teaching academic and nonacademic skills based on the results of behavioral assessments. The content includes a focus on the use of Tier 2 and Tier 3 interventions for students with autism and other developmental disorders and intellectual disability. Objectives in this course include mastery of the use of evidence-based practice in applied behavior analysis to help students or clients meet their goals across all domains of functioning (e.g., academic, social, leisure, self-care). Course topics include how to use teaching technology such as discrete trial training, incidental teaching, chaining, contingency contracts, group-contingencies, token economies, precision teaching, and augmentative alternative communication systems. This course must be completed with a grade of "B" or better for it to serve as a prerequisite for CI 4716 Clinical Teaching: All Level EC-12. Generally offered: Fall. Course Fees: LRH1 \$20; STSH \$30.

SPE 4681. Ethics in Applied Behavior Analysis Research and Practice. (1-0) 1 Credit Hour.

Prerequisites: SPE 3303 and SPE 3633. Concurrent enrollment or prior completion of SPE 3673 or SPE 4673, and SPE 4683 is required. Prior completion of SPE 4683 is recommended because the current course will provide coverage of content from SPE 4683. This course provides students with 15 hours of instruction addressing the Behavior Analyst Certification Board's Professional and Ethical Compliance Code (The CODE). Students will learn how to engage in ethical applied behavior analysis (ABA) research and practice through advanced coverage of The CODE. The objective of this course is to demonstrate sound ethical decision making in response to examples of scenarios commonly encountered in ABA research and practice in clinical and educational settings. May be repeated once for credit. Course Fees: LRH1 \$20; STSH \$10.

SPE 4683. Ethics and Professionalism in Special Education and Applied Behavior Analysis. (3-0) 3 Credit Hours.

Prerequisites: SPE 3603, SPE 3633, SPE 3683, SPE 3693, and SPE 4623. Concurrent enrollment in SPE 3623, SPE 3653 and SPE 4643 is required. Restricted course; advisor code required for registration. This course includes content pertaining to (a) the Behavior Analyst Certification Board's (BACB) Professional Ethical Compliance Code, (b) the Code of Ethics and Standard Practices for Texas Educators, and (c) the Council for Exceptional Children's Professional Ethical Principles, Practice Standards, and Professional Policies. Course content includes a focus on professionalism and the collaborative roles and responsibilities of applied behavioral analysis service delivery professionals, teachers, school district personnel, and parents/families in providing individualized programs to students with disabilities in school and community settings. Additional course topics include consultation and collaborating with general education teachers, and behavioral approaches to supervision, training, and management of paraprofessionals. Generally offered: Spring. Course Fees: LRH1 \$20; STSH \$30.

SPE 4693. Assistive Technology. (3-0) 3 Credit Hours.

Prerequisites: SPE 3603, SPE 3633, SPE 3683, SPE 3693, and SPE 4623. Concurrent enrollment in SPE 3673, SPE 4653, and SPE 4673 is required. Restricted course; advisor code required for registration. This course is a study of the use of technology in facilitating the teaching and learning of students with disabilities. Course will emphasize the selection and use of assistive technology devices and services for students, including those used for communication and mobility and those that facilitate performance in academic environments. Generally offered: Fall. Course Fees: LRH1 \$20; STSH \$30.

SPE 4913. Independent Study. (0-0) 3 Credit Hours.

Prerequisites: Permission in writing (form available) from the instructor, the student's advisor, the Department Chair, and Dean of the College in which the course is offered. Independent reading, research, discussion, and/or writing under the direction of a faculty member. May be repeated for credit, but not more than 6 semester credit hours of independent study, regardless of discipline, will apply to a bachelor's degree. Course Fee: STSH \$30.